Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051820\
Data File : BM026014.D
Acq On : 18 May 2020 13:25
Operator : MA/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: May 18 14:06:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 18 11:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	150117	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	624027	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	367937	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	779277	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	811618	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	837516	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	35635	7.16	ng/uL	0.00
5) Phenol-d5	6.69	99	285180	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	198861	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	208768	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	212197	20.68	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	100467	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	101226	20.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	196316	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	253691	24.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	562794	19.07	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	691087	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	104548	20.01	ng/ul	0.00
58) Fluorene-d10	15.15	176	495770	19.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	86211	18.97	ng/ul	0.00
71) Anthracene-d10	16.99	188	746534	19.44	ng/ul	0.00
79) Pyrene-d10	19.30	212	821965	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	875554	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	38997	7.54	ng/uL	91
4) Benzaldehyde	6.66	77	200925	22.67	ng/ul	97
6) Phenol	6.72	94	316329	20.72	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.95	93	243222	20.71	ng/ul	98
10) 2-Chlorophenol	7.08	128	228079	19.63	ng/ul	97
11) 2-Methylphenol	7.95	108	220509	20.96	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.03	45	460956	21.62	ng/ul	98
14) Acetophenone	8.32	105	361279	20.98	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.31	70	207559	20.46	ng/ul	99
16) 4-Methylphenol	8.27	108	239346	20.92	ng/ul	98
17) Hexachloroethane	8.57	117	95304	19.12	ng/ul	97
20) Nitrobenzene	8.69	77	306897	19.64	ng/ul	99
21) Isophorone	9.22	82	511732	19.69	ng/ul	100
23) 2-Nitrophenol	9.39	139	115820	19.80	ng/ul	97
24) 2,4-Dimethylphenol	9.47	107	269641	19.30	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	319415	19.49	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	207104	19.76	ng/ul	97
28) Naphthalene	10.32	128	723053	18.95	ng/ul	100
30) 4-Chloroaniline	10.43	127	263476	24.61	ng/ul	97
31) Hexachlorobutadiene	10.62	225	133362	18.97	ng/ul	97
32) Caprolactam	11.19	113	57612	19.77	ng/ul	91
33) 4-Chloro-3-methylphenol	11.57	107	237732	19.59	ng/ul	98
34) 2-Methylnaphthalene	11.94	142	495970	19.33	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	463412	19.46	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	251301	19.06	ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	149786	19.70	ng/ul	99
39) 2,4,6-Trichlorophenol	12.56	196	153518	20.01	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	169526	20.02	ng/ul	97
41) 1,1'-Biphenyl	12.97	154	627617	19.22	ng/ul	100
42) 2-Chloronaphthalene	13.01	162	481665	19.12	ng/ul	99
43) 2-Nitroaniline	13.22	65	172386	20.30	ng/ul	97
45) Dimethylphthalate	13.62	163	592530	19.13	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	115533	20.33	ng/ul	97
48) Acenaphthylene	13.86	152	751420	19.58	ng/ul	99
49) 3-Nitroaniline	14.06	138	115283	22.79	ng/ul	99
50) Acenaphthene	14.21	153	516627	19.09	ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	56111	17.96	ng/ul	97
53) 4-Nitrophenol	14.37	109	95075	20.45	ng/ul	96
54) Dibenzofuran	14.55	168	733436	19.28	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	173609	20.61	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.79	232	141776	19.91	ng/ul	99
57) Diethylphthalate	15.00	149	592228	19.33	ng/ul	99
59) Fluorene	15.20	166	597357	19.41	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.21	204	296660	19.32	ng/ul	97
61) 4-Nitroaniline	15.22	138	131422	20.79	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.29	198	92248	19.28	ng/ul	94
65) N-Nitrosodiphenylamine	15.42	169	504669	19.32	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	175733	19.36	ng/ul	98
67) Hexachlorobenzene	16.22	284	194016	19.01	ng/ul	98
68) Atrazine	16.39	200	170834	19.97	ng/ul	99
69) Pentachlorophenol	16.56	266	109121	19.42	ng/ul	99
70) Phenanthrene	16.94	178	932677	19.00	ng/ul	99
72) Anthracene	17.03	178	948347	19.26	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	250448	19.24	ng/uL	99
74) Pentachlorobenzene	14.47	250	237755	19.25	ng/uL	99
75) Carbazole	17.30	167	836644	20.53	ng/ul	99
76) Di-n-butylphthalate	17.89	149	944660	19.36	ng/ul	99
77) Fluoranthene	18.96	202	1060504	20.60	ng/ul	100
80) Pyrene	19.33	202	1112435	19.52	ng/ul	97
81) Butylbenzylphthalate	20.26	149	402763	19.97	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.02	252	316405	21.29	ng/ul	98
83) Benzo(a)anthracene	21.08	228	1085061	19.40	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	625471	20.01	ng/ul	99
85) Chrysene	21.13	228	1060331	19.07	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	1021032	19.40	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1079767	19.06	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	1108997	19.60	ng/ul	99
91) Benzo(a)pyrene	23.13	252	966479	19.39	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.32	276	1239516	19.16	ng/ul	98
93) Dibenzo(a,h)anthracene	25.33	278	1046193	19.09	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	1022931	18.94	ng/ul	99

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

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