Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052020\
Data File : BM026047.D
Acq On : 20 May 2020 20:01
Operator : MA/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02068

Quant Time: May 20 20:34:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 20 11:35:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	157893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	652419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	389563	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	815303	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	832658	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	855140	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	36907	7.05	ng/uL	0.00
5) Phenol-d5	6.69	99	295698	20.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	205916	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	217679	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	226285	20.96	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	104342	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	108584	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	211601	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	270656	25.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	598465	19.16	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	728216	19.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	107962	19.52	ng/ul	0.00
58) Fluorene-d10	15.14	176	517482	19.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	87423	18.39	ng/ul	0.00
71) Anthracene-d10	16.99	188	781405	19.45	ng/ul	0.00
79) Pyrene-d10	19.29	212	855792	20.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	897116	19.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	40488	7.445	ng/uL	94
4) Benzaldehyde	6.65	77	209684	22.496	ng/ul	93
6) Phenol	6.72	94	328486	20.458	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.94	93	252717	20.456	ng/ul	99
10) 2-Chlorophenol	7.07	128	237261	19.416	ng/ul	99
11) 2-Methylphenol	7.95	108	231817	20.954	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.03	45	466064	20.784	ng/ul	98
14) Acetophenone	8.32	105	378969	20.926	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.31	70	215848	20.227	ng/ul	99
16) 4-Methylphenol	8.27	108	251258	20.884	ng/ul	96
17) Hexachloroethane	8.56	117	101228	19.309	ng/ul	96
20) Nitrobenzene	8.68	77	315535	19.316	ng/ul	100
21) Isophorone	9.21	82	536686	19.753	ng/ul	99
23) 2-Nitrophenol	9.39	139	125018	20.442	ng/ul	97
24) 2,4-Dimethylphenol	9.46	107	286169	19.587	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	330053	19.260	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	218234	19.919	ng/ul	95
28) Naphthalene	10.31	128	750907	18.824	ng/ul	100
30) 4-Chloroaniline	10.43	127	281319	25.135	ng/ul	99
31) Hexachlorobutadiene	10.61	225	142074	19.326	ng/ul	98
32) Caprolactam	11.19	113	63020	20.682	ng/ul	95
33) 4-Chloro-3-methylphenol	11.56	107	253803	20.002	ng/ul	97
34) 2-Methylnaphthalene	11.93	142	518744	19.334	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	486111	19.529 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	266480	19.085 ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	158113	19.643 ng/ul	97
39) 2,4,6-Trichlorophenol	12.56	196	163029	20.070 ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	179128	19.983 ng/ul	98
41) 1,1'-Biphenyl	12.97	154	660727	19.114 ng/ul	100
42) 2-Chloronaphthalene	13.00	162	507555	19.028 ng/ul	98
43) 2-Nitroaniline	13.22	65	183353	20.394 ng/ul	97
45) Dimethylphthalate	13.62	163	626950	19.115 ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	123462	20.515 ng/ul	99
48) Acenaphthylene	13.86	152	788989	19.417 ng/ul	99
49) 3-Nitroaniline	14.05	138	126746	23.661 ng/ul	94
50) Acenaphthene	14.20	153	545926	19.051 ng/ul	98
51) 2,4-Dinitrophenol	14.26	184	54234	16.394 ng/ul	97
53) 4-Nitrophenol	14.37	109	97977	19.902 ng/ul	97
54) Dibenzofuran	14.54	168	769006	19.095 ng/ul	100
55) 2,4-Dinitrotoluene	14.52	165	179512	20.127 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.78	232	152010	20.165 ng/ul	100
57) Diethylphthalate	14.99	149	630100	19.428 ng/ul	100
59) Fluorene	15.20	166	628125	19.281 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	312407	19.216 ng/ul	99
61) 4-Nitroaniline	15.22	138	140003	20.922 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	93357	18.654 ng/ul	97
65) N-Nitrosodiphenylamine	15.42	169	530338	19.409 ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	189301	19.938 ng/ul	98
67) Hexachlorobenzene	16.21	284	208904	19.569 ng/ul	97
68) Atrazine	16.38	200	182655	20.412 ng/ul	99
69) Pentachlorophenol	16.55	266	114402	19.458 ng/ul	98
70) Phenanthrene	16.93	178	971271	18.912 ng/ul	99
72) Anthracene	17.02	178	1002307	19.453 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	263196	19.327 ng/uL	98
74) Pentachlorobenzene	14.47	250	249200	19.289 ng/uL	100
75) Carbazole	17.30	167	883164	20.719 ng/ul	99
76) Di-n-butylphthalate	17.89	149	1013681	19.856 ng/ul	99
77) Fluoranthene	18.96	202	1104795	20.508 ng/ul	100
80) Pyrene	19.32	202	1157647	19.804 ng/ul	98
81) Butylbenzylphthalate	20.25	149	436064	21.075 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	343891	22.553 ng/ul	99
83) Benzo(a)anthracene	21.07	228	1119321	19.503 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	666371	20.777 ng/ul	99
85) Chrysene	21.13	228	1091890	19.141 ng/ul	100
87) Di-n-octyl phthalate	21.89	149	1108975	20.634 ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1158770	20.033 ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1071576	18.548 ng/ul	99
91) Benzo(a)pyrene	23.12	252	989341	19.436 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	1269844	19.221 ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	1067275	19.078 ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	1052189	19.081 ng/ul	97

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

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