Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024557.D
Acq On : 21 Jan 2020 10:23
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02006

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:19 AM

Quant Time: Jan 21 11:24:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 21 11:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	153270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	681663	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	539175	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1343463	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1455172	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1399259	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	24494	7.81	ng/uL	0.00
5) Phenol-d5	6.65	99	218437	19.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	115829	18.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	199543	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	195197	18.63	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	101849	21.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	120779	23.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	250665	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	273635	21.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	862217	20.41	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	951177	19.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	144730	20.53	ng/ul	0.00
58) Fluorene-d10	15.10	176	760127	20.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	154596	20.16	ng/ul	0.00
71) Anthracene-d10	16.95	188	1280687	20.50	ng/ul	0.00
79) Pyrene-d10	19.25	212	1565569	20.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1493969	20.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	24754	7.600	ng/uL	90
4) Benzaldehyde	6.60	77	87467	14.517	ng/ul	99
6) Phenol	6.68	94	231747	20.074	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.89	93	173619	19.201	ng/ul	99
10) 2-Chlorophenol	7.02	128	210334	21.661	ng/ul	98
11) 2-Methylphenol	7.90	108	182923	19.332	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	7.99	45	193051	18.066	ng/ul	98
14) Acetophenone	8.26	105	329862	20.062	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.26	70	157128	20.212	ng/ul	97
16) 4-Methylphenol	8.23	108	208452	19.784	ng/ul	99
17) Hexachloroethane	8.52	117	91020	21.004	ng/ul	93
20) Nitrobenzene	8.63	77	239574	20.669	ng/ul	95
21) Isophorone	9.16	82	444286	19.468	ng/ul	96
23) 2-Nitrophenol	9.34	139	134877	23.781	ng/ul	93
24) 2,4-Dimethylphenol	9.42	107	263160	21.378	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	261170	19.890	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	252220	22.267	ng/ul	98
28) Naphthalene	10.26	128	722120	20.678	ng/ul	100
30) 4-Chloroaniline	10.37	127	282646	22.154	ng/ul	96
31) Hexachlorobutadiene	10.57	225	194807	21.607	ng/ul	99
32) Caprolactam	11.13	113	70290m	20.600	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	257665	21.886	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	590065	21.775	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	565013	20.568 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	381092	21.483 ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	203729	15.880 ng/ul	99
39) 2,4,6-Trichlorophenol	12.52	196	241249	22.229 ng/ul	98
40) 2,4,5-Trichlorophenol	12.59	196	262774	22.614 ng/ul	100
41) 1,1'-Biphenyl	12.93	154	821834	20.995 ng/ul	99
42) 2-Chloronaphthalene	12.96	162	647837	20.572 ng/ul	98
43) 2-Nitroaniline	13.17	65	167319	23.192 ng/ul	96
45) Dimethylphthalate	13.57	163	885375	20.616 ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	181957	22.516 ng/ul	97
48) Acenaphthylene	13.82	152	992976	19.993 ng/ul	100
49) 3-Nitroaniline	14.00	138	155435	23.329 ng/ul	97
50) Acenaphthene	14.16	153	690128	20.530 ng/ul	98
51) 2,4-Dinitrophenol	14.22	184	97325	22.042 ng/ul	99
53) 4-Nitrophenol	14.33	109	151020	23.034 ng/ul	92
54) Dibenzofuran	14.50	168	1065383	21.634 ng/ul	98
55) 2,4-Dinitrotoluene	14.47	165	273367	22.625 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.74	232	267959	23.761 ng/ul	96
57) Diethylphthalate	14.96	149	913729	20.722 ng/ul	100
59) Fluorene	15.16	166	878668	21.103 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.16	204	508949	21.429 ng/ul	98
61) 4-Nitroaniline	15.17	138	195348	24.581 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.25	198	174975	21.573 ng/ul#	96
65) N-Nitrosodiphenylamine	15.37	169	788311	21.126 ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	337331	21.180 ng/ul	98
67) Hexachlorobenzene	16.17	284	373586	20.425 ng/ul	97
68) Atrazine	16.35	200	322691	20.550 ng/ul	98
69) Pentachlorophenol	16.51	266	237165	21.779 ng/ul	99
70) Phenanthrene	16.89	178	1508838	20.825 ng/ul	99
72) Anthracene	16.99	178	1546749	20.935 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	392554	20.549 ng/uL	98
74) Pentachlorobenzene	14.43	250	419403	20.738 ng/uL	99
75) Carbazole	17.26	167	1343854	21.617 ng/ul	99
76) Di-n-butylphthalate	17.85	149	1646341	21.066 ng/ul	100
77) Fluoranthene	18.92	202	1925842	21.748 ng/ul	99
80) Pyrene	19.28	202	2000366	20.081 ng/ul	99
81) Butylbenzylphthalate	20.22	149	788330	22.533 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.99	252	558288	17.828 ng/ul	97
83) Benzo(a)anthracene	21.04	228	2122851	21.415 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1172734	21.175 ng/ul	99
85) Chrysene	21.10	228	1973364	20.659 ng/ul	99
87) Di-n-octyl phthalate	21.87	149	1989289	20.770 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1932108	20.891 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	1884175	20.730 ng/ul	100
91) Benzo(a)pyrene	23.09	252	1778853	22.133 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	1729713	20.569 ng/ul	95
93) Dibenzo(a,h)anthracene	25.26	278	1499958	21.016 ng/ul	99
94) Benzo(g,h,i)perylene	25.88	276	1168260	17.480 ng/ul	98

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

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