Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024904.D
Acq On : 17 Feb 2020 10:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02019

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Quant Time: Feb 17 13:04:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	277333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1017668	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	638084	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1361681	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1333729	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1527750	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	59198	10.27	ng/uL	0.00
5) Phenol-d5	6.59	99	430365	23.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	256421	24.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	365192	22.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	327805	21.09	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	167007	22.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	194276	22.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	375264	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	392917	23.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1000356	20.77	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1183594	21.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	158290	20.22	ng/ul	0.00
58) Fluorene-d10	15.04	176	891740	20.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	174452	19.65	ng/ul	0.00
71) Anthracene-d10	16.89	188	1337459	21.52	ng/ul	0.00
79) Pyrene-d10	19.20	212	1501660	22.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1672143	21.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	61166	10.060	ng/uL#	80
4) Benzaldehyde	6.55	77	186866	15.422	ng/ul	96
6) Phenol	6.62	94	456914	23.562	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.84	93	372652	23.798	ng/ul	97
10) 2-Chlorophenol	6.96	128	382238	22.714	ng/ul	98
11) 2-Methylphenol	7.84	108	338580	22.494	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	180750	14.678	ng/ul#	67
14) Acetophenone	8.20	105	545424	22.264	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.20	70	259246	22.390	ng/ul#	85
16) 4-Methylphenol	8.17	108	362013	22.276	ng/ul	99
17) Hexachloroethane	8.45	117	171161	22.556	ng/ul	91
20) Nitrobenzene	8.57	77	431779	24.712	ng/ul	94
21) Isophorone	9.10	82	740245	23.363	ng/ul	95
23) 2-Nitrophenol	9.27	139	213597	22.823	ng/ul	96
24) 2,4-Dimethylphenol	9.35	107	394455	22.561	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.58	93	468752	23.585	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	376410	21.729	ng/ul	98
28) Naphthalene	10.19	128	1140175	21.928	ng/ul	99
30) 4-Chloroaniline	10.31	127	414138	25.288	ng/ul	99
31) Hexachlorobutadiene	10.49	225	292561	20.331	ng/ul	98
32) Caprolactam	11.07	113	89193	19.642	ng/ul#	78
33) 4-Chloro-3-methylphenol	11.45	107	346823	21.577	ng/ul	98
34) 2-Methylnaphthalene	11.82	142	830006	21.670	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.04	142	779660	20.411 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	515854	22.861 ng/ul	98
38) Hexachlorocyclopentadiene	12.19	237	288361	18.122 ng/ul	99
39) 2,4,6-Trichlorophenol	12.45	196	309667	22.296 ng/ul	93
40) 2,4,5-Trichlorophenol	12.52	196	324362	22.344 ng/ul	99
41) 1,1'-Biphenyl	12.86	154	1074886	22.819 ng/ul#	98
42) 2-Chloronaphthalene	12.89	162	855736	22.250 ng/ul	97
43) 2-Nitroaniline	13.11	65	201623	24.862 ng/ul	95
45) Dimethylphthalate	13.51	163	1021760	20.335 ng/ul	100
46) 2,6-Dinitrotoluene	13.62	165	213575	21.021 ng/ul	93
48) Acenaphthylene	13.75	152	1238678	21.260 ng/ul	98
49) 3-Nitroaniline	13.95	138	183131	23.929 ng/ul	86
50) Acenaphthene	14.10	153	856917	21.778 ng/ul	98
51) 2,4-Dinitrophenol	14.17	184	113657	18.362 ng/ul	96
53) 4-Nitrophenol	14.28	109	127324	19.919 ng/ul	91
54) Dibenzofuran	14.45	168	1284739	21.904 ng/ul	98
55) 2,4-Dinitrotoluene	14.42	165	302571	20.866 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.68	232	294802	20.783 ng/ul	98
57) Diethylphthalate	14.90	149	987370	19.860 ng/ul	99
59) Fluorene	15.10	166	1011789	20.931 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.10	204	563100	20.232 ng/ul	97
61) 4-Nitroaniline	15.12	138	180513	19.046 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.19	198	191930	20.202 ng/ul	99
65) N-Nitrosodiphenylamine	15.32	169	888646	23.363 ng/ul	99
66) 4-Bromophenyl-phenylether	16.00	248	367881	21.561 ng/ul	99
67) Hexachlorobenzene	16.11	284	421796	20.917 ng/ul	99
68) Atrazine	16.29	200	321392	19.665 ng/ul	99
69) Pentachlorophenol	16.46	266	248012	20.554 ng/ul	97
70) Phenanthrene	16.83	178	1598943	21.536 ng/ul	100
72) Anthracene	16.93	178	1613123	21.423 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	497304	22.241 ng/uL	99
74) Pentachlorobenzene	14.37	250	507347	21.381 ng/uL	99
75) Carbazole	17.20	167	1392394	22.197 ng/ul	99
76) Di-n-butylphthalate	17.80	149	1614589	20.229 ng/ul	99
77) Fluoranthene	18.86	202	1891623	20.754 ng/ul#	95
80) Pyrene	19.23	202	1966153	22.271 ng/ul#	95
81) Butylbenzylphthalate	20.17	149	721178	21.839 ng/ul	91
82) 3,3'-Dichlorobenzidine	20.94	252	644102	20.660 ng/ul	98
83) Benzo(a)anthracene	20.99	228	2028402	22.578 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	1063142	20.339 ng/ul	99
85) Chrysene	21.04	228	1893768	21.411 ng/ul	99
87) Di-n-octyl phthalate	21.82	149	1776187	19.455 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	2169280m	22.330 ng/ul	
89) Benzo(k)fluoranthene	22.53	252	1973248	21.103 ng/ul	99
91) Benzo(a)pyrene	23.02	252	1980644	22.741 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.16	276	2369873	21.856 ng/ul	97
93) Dibenzo(a,h)anthracene	25.16	278	2008912	21.745 ng/ul	98
94) Benzo(g,h,i)perylene	25.77	276	1984589	22.007 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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