Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025610.D
Acq On : 17 Mar 2020 12:03
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Mar 17 12:40:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 17 07:33:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	159933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	663762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	436064	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	935346	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	956174	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	1100833	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	30156	7.91	ng/uL	0.00
5) Phenol-d5	6.82	99	262212	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	150688	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	220179	21.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	217968	21.02	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	106333	21.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	115586	22.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	233576	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	258633	20.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	683122	20.61	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	824934	20.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	119193	18.89	ng/ul	0.00
58) Fluorene-d10	15.26	176	604375	20.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	56373	9.88	ng/ul	0.00
71) Anthracene-d10	17.11	188	923603	21.14	ng/ul	0.00
79) Pyrene-d10	19.40	212	993781	21.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	1192383	21.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	32793	7.989	ng/uL	90
4) Benzaldehyde	6.79	77	100620	15.051	ng/ul	96
6) Phenol	6.85	94	277138	21.025	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.07	93	216357	20.727	ng/ul	99
10) 2-Chlorophenol	7.20	128	231432	21.461	ng/ul	97
11) 2-Methylphenol	8.08	108	209459	20.768	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	291414	20.923	ng/ul	98
14) Acetophenone	8.45	105	332313	20.773	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.44	70	170761	21.307	ng/ul	98
16) 4-Methylphenol	8.40	108	234818	21.327	ng/ul	95
17) Hexachloroethane	8.70	117	94744	21.133	ng/ul	94
20) Nitrobenzene	8.82	77	254347	21.162	ng/ul	99
21) Isophorone	9.35	82	471570	21.246	ng/ul	98
23) 2-Nitrophenol	9.52	139	129066	21.912	ng/ul	97
24) 2,4-Dimethylphenol	9.59	107	257142	21.528	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	301488	21.193	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	237902	22.357	ng/ul	98
28) Naphthalene	10.45	128	758706	20.988	ng/ul	99
30) 4-Chloroaniline	10.56	127	263038	20.816	ng/ul	99
31) Hexachlorobutadiene	10.75	225	145936	20.992	ng/ul	99
32) Caprolactam	11.32	113	71165	20.223	ng/ul	85
33) 4-Chloro-3-methylphenol	11.70	107	247910	22.411	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	546452	21.164	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	541025	21.012 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	285145	20.675 ng/ul	100
38) Hexachlorocyclopentadiene	12.43	237	165634	17.598 ng/ul	98
39) 2,4,6-Trichlorophenol	12.69	196	183942	20.979 ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	204614	21.439 ng/ul	98
41) 1,1'-Biphenyl	13.10	154	724285	20.787 ng/ul	99
42) 2-Chloronaphthalene	13.13	162	572174	20.850 ng/ul	99
43) 2-Nitroaniline	13.34	65	148489	21.650 ng/ul	98
45) Dimethylphthalate	13.73	163	714125	20.700 ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	145621	21.462 ng/ul	94
48) Acenaphthylene	13.99	152	893586	20.779 ng/ul	100
49) 3-Nitroaniline	14.17	138	118422	19.345 ng/ul	94
50) Acenaphthene	14.33	153	615477	21.054 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	6332	1.556 ng/ul#	89
53) 4-Nitrophenol	14.49	109	93688	18.995 ng/ul	97
54) Dibenzofuran	14.67	168	861672	20.778 ng/ul	100
55) 2,4-Dinitrotoluene	14.63	165	210893	21.259 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.90	232	168819	19.515 ng/ul	97
57) Diethylphthalate	15.11	149	724470	20.489 ng/ul	99
59) Fluorene	15.32	166	723683	20.746 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.32	204	364134	20.396 ng/ul	99
61) 4-Nitroaniline	15.33	138	149917	20.582 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	65085	10.429 ng/ul#	94
65) N-Nitrosodiphenylamine	15.53	169	610327	21.116 ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	240023	20.808 ng/ul	97
67) Hexachlorobenzene	16.33	284	292091	20.624 ng/ul	97
68) Atrazine	16.49	200	224453	20.590 ng/ul	99
69) Pentachlorophenol	16.67	266	128596	15.546 ng/ul	99
70) Phenanthrene	17.06	178	1140439	20.714 ng/ul	99
72) Anthracene	17.15	178	1193658	21.274 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	297295	20.743 ng/uL	98
74) Pentachlorobenzene	14.59	250	334627	20.974 ng/uL	99
75) Carbazole	17.42	167	1017955	20.760 ng/ul	100
76) Di-n-butylphthalate	18.00	149	1230362	21.490 ng/ul	99
77) Fluoranthene	19.07	202	1321944	20.370 ng/ul	99
80) Pyrene	19.43	202	1382700	21.531 ng/ul	98
81) Butylbenzylphthalate	20.36	149	555503	22.713 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.12	252	341018	15.696 ng/ul	98
83) Benzo(a)anthracene	21.19	228	1336315	21.198 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	837909	22.086 ng/ul	99
85) Chrysene	21.24	228	1309379	21.170 ng/ul	99
87) Di-n-octyl phthalate	22.00	149	1416461	21.474 ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	1492781	21.733 ng/ul	100
89) Benzo(k)fluoranthene	22.77	252	1384269	20.458 ng/ul	100
91) Benzo(a)pyrene	23.29	252	1322287	21.154 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.54	276	1707287	20.682 ng/ul	100
93) Dibenzo(a,h)anthracene	25.56	278	1440186	20.603 ng/ul	99
94) Benzo(g,h,i)perylene	26.20	276	1409655	20.720 ng/ul	99

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

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