Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091217\
Data File : BM011522.D
Acq On : 12 Sep 2017 17:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Quant Time: Sep 13 06:49:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 13 06:45:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	391559	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	1832700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1098657	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2515002	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2966168	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2760528	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	71016	8.16	ng/uL	0.00
5) Phenol-d5	7.12	99	734889	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	528575	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	557500	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	576838	19.65	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	271879	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	275008	19.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	571803	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	714348	22.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	1857674	20.00	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2279405	20.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	324814	18.61	ng/ul	0.00
58) Fluorene-d10	15.59	176	1633119	20.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	247274	16.90	ng/ul	0.00
71) Anthracene-d10	17.44	188	2480839	20.03	ng/ul	0.00
79) Pyrene-d10	19.73	212	2755870	19.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	2630873	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	78484	8.226	ng/uL#	65
4) Benzaldehyde	7.12	77	406117	18.903	ng/ul	95
6) Phenol	7.15	94	738233	19.780	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.39	93	586185	19.950	ng/ul#	83
10) 2-Chlorophenol	7.53	128	555915	20.112	ng/ul#	91
11) 2-Methylphenol	8.40	108	551709	19.496	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1056023	22.174	ng/ul#	91
14) Acetophenone	8.80	105	893827	19.922	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.78	70	505939	21.015	ng/ul#	76
16) 4-Methylphenol	8.73	108	617869	19.955	ng/ul	95
17) Hexachloroethane	9.06	117	213358	20.191	ng/ul#	77
20) Nitrobenzene	9.18	77	671770	20.535	ng/ul	95
21) Isophorone	9.70	82	1332542	20.231	ng/ul#	98
23) 2-Nitrophenol	9.89	139	294915	19.407	ng/ul	91
24) 2,4-Dimethylphenol	9.94	107	654974	20.144	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.18	93	854891	19.905	ng/ul	97
27) 2,4-Dichlorophenol	10.42	162	546467	19.468	ng/ul	97
28) Naphthalene	10.83	128	1897589	19.967	ng/ul	98
30) 4-Chloroaniline	10.94	127	676888	22.173	ng/ul	97
31) Hexachlorobutadiene	11.12	225	313936	19.705	ng/ul	98
32) Caprolactam	11.71	113	159246	18.022	ng/ul#	47
33) 4-Chloro-3-methylphenol	12.05	107	610537	20.515	ng/ul	94
34) 2-Methylnaphthalene	12.44	142	1408846	19.962	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091217\
Data File : BM011522.D
Acq On : 12 Sep 2017 17:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Quant Time: Sep 13 06:49:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 13 06:45:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	1358928	20.217 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	647384	19.864 ng/ul#	95
38) Hexachlorocyclopentadiene	12.78	237	331039	18.122 ng/ul#	98
39) 2,4,6-Trichlorophenol	13.04	196	439653	19.814 ng/ul	98
40) 2,4,5-Trichlorophenol	13.11	196	454242	20.190 ng/ul	98
41) 1,1'-Biphenyl	13.44	154	1836341	20.086 ng/ul#	93
42) 2-Chloronaphthalene	13.49	162	1367553	19.880 ng/ul	99
43) 2-Nitroaniline	13.69	65	451467	21.131 ng/ul	83
45) Dimethylphthalate	14.06	163	1774198	19.951 ng/ul#	97
46) 2,6-Dinitrotoluene	14.17	165	318843	20.302 ng/ul	91
48) Acenaphthylene	14.33	152	2286763	20.226 ng/ul	100
49) 3-Nitroaniline	14.51	138	369066	19.058 ng/ul	96
50) Acenaphthene	14.67	153	1546746	20.248 ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	163648	16.865 ng/ul#	69
53) 4-Nitrophenol	14.80	109	224298	19.994 ng/ul#	54
54) Dibenzofuran	15.00	168	2147353	20.096 ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	463433	20.073 ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.22	232	406042	19.802 ng/ul#	74
57) Diethylphthalate	15.42	149	1860435	20.104 ng/ul	96
59) Fluorene	15.65	166	1838190	20.526 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	861219	20.525 ng/ul#	89
61) 4-Nitroaniline	15.67	138	389599	18.781 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.72	198	262970	17.537 ng/ul	94
65) N-Nitrosodiphenylamine	15.85	169	1528845	19.957 ng/ul	98
66) 4-Bromophenyl-phenylether	16.53	248	502767	19.572 ng/ul#	93
67) Hexachlorobenzene	16.65	284	547071	19.347 ng/ul#	88
68) Atrazine	16.80	200	505778	19.055 ng/ul	97
69) Pentachlorophenol	16.99	266	316563	17.435 ng/ul	97
70) Phenanthrene	17.39	178	2828353	20.176 ng/ul	100
72) Anthracene	17.48	178	2946166	20.481 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	654956	19.543 ng/uL	99
74) Pentachlorobenzene	14.92	250	667971	19.652 ng/uL	99
75) Carbazole	17.74	167	2594445	21.141 ng/ul	98
76) Di-n-butylphthalate	18.30	149	3380748	20.973 ng/ul	99
77) Fluoranthene	19.39	202	3280005	22.748 ng/ul#	87
80) Pyrene	19.76	202	3493224	20.185 ng/ul#	85
81) Butylbenzylphthalate	20.64	149	1526567	19.181 ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.42	252	1065942	19.788 ng/ul#	97
83) Benzo(a)anthracene	21.49	228	3391488	20.766 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2401411	19.648 ng/ul#	96
85) Chrysene	21.54	228	3000968	20.269 ng/ul	99
87) Di-n-octyl phthalate	22.31	149	4174934	21.310 ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3362868	20.250 ng/ul#	96
89) Benzo(k)fluoranthene	23.21	252	3153484	19.772 ng/ul#	96
91) Benzo(a)pyrene	23.78	252	3159660	20.157 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.32	276	3587633	20.806 ng/ul#	83
93) Dibenzo(a,h)anthracene	26.33	278	3010844	20.592 ng/ul#	93
94) Benzo(g,h,i)perylene	27.07	276	2866907	20.530 ng/ul#	89

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091217\
Data File : BM011522.D
Acq On : 12 Sep 2017 17:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Quant Time: Sep 13 06:49:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 13 06:45:40 2017
Response via : Initial Calibration

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

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091217\
Data File : BM011522.D
Acq On : 12 Sep 2017 17:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Quant Time: Sep 13 06:49:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 13 06:45:40 2017
Response via : Initial Calibration