Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016740.D
Acq On : 12 Sep 2018 01:44
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Sep 12 02:42:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	223420	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	946415	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	525014	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1181741	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1367746	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	1422298	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	40364	7.73	ng/uL	0.00
5) Phenol-d5	6.90	99	363583	19.29	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	225466	19.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	298674	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	287531	19.72	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	131229	21.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	117405	20.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	286263	19.93	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	358307	20.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	842567	19.99	ng/ul	-0.01
47) Acenaphthylene-d8	14.06	160	1078886	19.81	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.57	143	143815	20.79	ng/ul	0.00
58) Fluorene-d10	15.37	176	749289	20.37	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	96779	19.95	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1147785	20.13	ng/ul	-0.01
79) Pyrene-d10	19.52	212	1264016	19.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1453125	19.59	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	42879	7.887	ng/uL#	79
4) Benzaldehyde	6.88	77	240132	22.643	ng/ul	89
6) Phenol	6.93	94	368191	19.574	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	283844	19.598	ng/ul	96
10) 2-Chlorophenol	7.30	128	306027	19.811	ng/ul	98
11) 2-Methylphenol	8.17	108	273066	19.369	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	434643	18.978	ng/ul	95
14) Acetophenone	8.55	105	450425	19.930	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.54	70	218725	19.340	ng/ul	91
16) 4-Methylphenol	8.50	108	294393	19.755	ng/ul	95
17) Hexachloroethane	8.80	117	118506	19.531	ng/ul	87
20) Nitrobenzene	8.93	77	318622	20.255	ng/ul	91
21) Isophorone	9.45	82	587249	18.785	ng/ul	97
23) 2-Nitrophenol	9.63	139	139458	21.366	ng/ul	89
24) 2,4-Dimethylphenol	9.69	107	328941	19.530	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.94	93	380262	19.679	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	276243	20.013	ng/ul	97
28) Naphthalene	10.56	128	961530	19.758	ng/ul	98
30) 4-Chloroaniline	10.67	127	360932	20.799	ng/ul	98
31) Hexachlorobutadiene	10.85	225	185464	19.905	ng/ul	98
32) Caprolactam	11.43	113	81293	18.622	ng/ul	85
33) 4-Chloro-3-methylphenol	11.80	107	288737	19.958	ng/ul	92
34) 2-Methylnaphthalene	12.18	142	685119	19.981	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	685119	19.981 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	352181	19.532 ng/ul#	97
38) Hexachlorocyclopentadiene	12.53	237	211480	18.837 ng/ul	96
39) 2,4,6-Trichlorophenol	12.79	196	204204	19.888 ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	223908	19.982 ng/ul	94
41) 1,1'-Biphenyl	13.20	154	864435	19.792 ng/ul#	96
42) 2-Chloronaphthalene	13.24	162	680980	19.923 ng/ul	99
43) 2-Nitroaniline	13.45	65	166532	22.117 ng/ul	95
45) Dimethylphthalate	13.84	163	819089	19.881 ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	145851	23.049 ng/ul	99
48) Acenaphthylene	14.09	152	1033932	20.063 ng/ul	99
49) 3-Nitroaniline	14.27	138	146893	21.347 ng/ul#	99
50) Acenaphthene	14.43	153	733491	20.047 ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	57201	20.209 ng/ul#	90
53) 4-Nitrophenol	14.58	109	109420	20.524 ng/ul#	77
54) Dibenzofuran	14.77	168	1009841	20.116 ng/ul	95
55) 2,4-Dinitrotoluene	14.73	165	219333	23.572 ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.00	232	185493	20.466 ng/ul#	84
57) Diethylphthalate	15.21	149	817965	20.040 ng/ul	97
59) Fluorene	15.42	166	833475	20.210 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	430529	20.589 ng/ul	94
61) 4-Nitroaniline	15.44	138	181893	21.519 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.50	198	105934	19.474 ng/ul	98
65) N-Nitrosodiphenylamine	15.64	169	721577	19.740 ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	262586	19.639 ng/ul	97
67) Hexachlorobenzene	16.42	284	285488	19.840 ng/ul#	95
68) Atrazine	16.59	200	248279	19.218 ng/ul	99
69) Pentachlorophenol	16.77	266	143286	18.415 ng/ul	97
70) Phenanthrene	17.16	178	1322832	20.152 ng/ul	99
72) Anthracene	17.25	178	1360273	20.185 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	372748	19.058 ng/uL	97
74) Pentachlorobenzene	14.69	250	349262	19.796 ng/uL	99
75) Carbazole	17.52	167	1191568	20.114 ng/ul	99
76) Di-n-butylphthalate	18.10	149	1343620	19.494 ng/ul	99
77) Fluoranthene	19.18	202	1551021	20.612 ng/ul#	90
80) Pyrene	19.54	202	1613681	19.214 ng/ul#	88
81) Butylbenzylphthalate	20.46	149	566499	18.240 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.23	252	503319	18.576 ng/ul#	98
83) Benzo(a)anthracene	21.29	228	1677007	19.806 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	896192	18.360 ng/ul	96
85) Chrysene	21.34	228	1569770	19.880 ng/ul	98
87) Di-n-octyl phthalate	22.13	149	1465940	17.155 ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	1642084	19.289 ng/ul#	97
89) Benzo(k)fluoranthene	22.92	252	1680008	20.552 ng/ul#	97
91) Benzo(a)pyrene	23.45	252	1618897	19.950 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	1916244	19.796 ng/ul#	88
93) Dibenzo(a,h)anthracene	25.82	278	1624036	20.056 ng/ul#	95
94) Benzo(g,h,i)perylene	26.49	276	1584093	19.735 ng/ul#	92

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

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