Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017094.D
Acq On : 10 Oct 2018 11:15
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: Oct 11 01:17:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 09 08:11:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	238620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1092350	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	640764	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1479654	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1476017	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1173008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	29447	6.13	ng/uL	0.00
5) Phenol-d5	6.87	99	380687	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	231631	19.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	326990	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	321688	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	158637	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	161826	19.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	345438	20.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	443093	22.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1044107	20.54	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1330906	20.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	186481	19.41	ng/ul	0.00
58) Fluorene-d10	15.33	176	923901	20.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	164080	18.80	ng/ul	0.00
71) Anthracene-d10	17.18	188	1434043	20.29	ng/ul	0.00
79) Pyrene-d10	19.47	212	1526865	22.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1261120	21.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	30542	6.054	ng/uL	98
4) Benzaldehyde	6.85	77	251710	20.328	ng/ul	93
6) Phenol	6.89	94	385414	19.313	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	301149	19.492	ng/ul	98
10) 2-Chlorophenol	7.26	128	328010	19.864	ng/ul	97
11) 2-Methylphenol	8.13	108	303813	20.219	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	426091	19.174	ng/ul	97
14) Acetophenone	8.51	105	528760	21.288	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	237904	20.577	ng/ul	100
16) 4-Methylphenol	8.46	108	334030	20.749	ng/ul	99
17) Hexachloroethane	8.76	117	135091	20.026	ng/ul	98
20) Nitrobenzene	8.89	77	364517	19.316	ng/ul	99
21) Isophorone	9.41	82	704996	20.588	ng/ul	99
23) 2-Nitrophenol	9.59	139	185251	20.187	ng/ul	97
24) 2,4-Dimethylphenol	9.66	107	373575	20.069	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	442356	20.123	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	332103	20.456	ng/ul	99
28) Naphthalene	10.52	128	1121564	19.984	ng/ul	100
30) 4-Chloroaniline	10.63	127	445036	21.870	ng/ul	100
31) Hexachlorobutadiene	10.80	225	220987	20.019	ng/ul	98
32) Caprolactam	11.41	113	98330	19.870	ng/ul	98
33) 4-Chloro-3-methylphenol	11.76	107	353423	21.188	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	818282	20.646	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	796182	20.632 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	437983	19.906 ng/ul	98
38) Hexachlorocyclopentadiene	12.49	237	260554	18.468 ng/ul	98
39) 2,4,6-Trichlorophenol	12.75	196	272832	20.547 ng/ul	95
40) 2,4,5-Trichlorophenol	12.82	196	294659	20.673 ng/ul	97
41) 1,1'-Biphenyl	13.16	154	1057819	20.025 ng/ul	99
42) 2-Chloronaphthalene	13.20	162	831735	19.987 ng/ul	99
43) 2-Nitroaniline	13.41	65	164959	18.164 ng/ul	100
45) Dimethylphthalate	13.80	163	1033551	20.531 ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	170694	20.140 ng/ul	96
48) Acenaphthylene	14.05	152	1266855	20.356 ng/ul	99
49) 3-Nitroaniline	14.25	138	182439	19.354 ng/ul	98
50) Acenaphthene	14.40	153	889308	20.108 ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	98946	18.097 ng/ul	95
53) 4-Nitrophenol	14.55	109	139010	19.931 ng/ul	99
54) Dibenzofuran	14.73	168	1268059	20.306 ng/ul	98
55) 2,4-Dinitrotoluene	14.70	165	289923	21.142 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	270275	21.136 ng/ul	96
57) Diethylphthalate	15.17	149	1013959	20.594 ng/ul	99
59) Fluorene	15.39	166	1033350	20.296 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.38	204	544556	20.521 ng/ul	98
61) 4-Nitroaniline	15.41	138	205929	18.509 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.47	198	179103	19.365 ng/ul	99
65) N-Nitrosodiphenylamine	15.60	169	890576	20.316 ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	338798	20.396 ng/ul	96
67) Hexachlorobenzene	16.39	284	375383	20.000 ng/ul	98
68) Atrazine	16.56	200	296708	19.467 ng/ul	98
69) Pentachlorophenol	16.73	266	225314	19.911 ng/ul	96
70) Phenanthrene	17.12	178	1652550	19.919 ng/ul	100
72) Anthracene	17.22	178	1685108	19.989 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	465751	19.724 ng/uL	97
74) Pentachlorobenzene	14.65	250	439391	19.806 ng/uL	99
75) Carbazole	17.49	167	1436732	19.692 ng/ul	100
76) Di-n-butylphthalate	18.06	149	1665105	20.414 ng/ul	99
77) Fluoranthene	19.14	202	1912579	19.902 ng/ul	99
80) Pyrene	19.50	202	1943070	22.720 ng/ul	98
81) Butylbenzylphthalate	20.42	149	590737	20.019 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.19	252	492965	18.800 ng/ul	99
83) Benzo(a)anthracene	21.26	228	1806960	20.407 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	856117	18.719 ng/ul	98
85) Chrysene	21.30	228	1719871	20.083 ng/ul	99
87) Di-n-octyl phthalate	22.07	149	1264153	20.154 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	1508635	21.599 ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	1507287	22.463 ng/ul	99
91) Benzo(a)pyrene	23.39	252	1400894	20.811 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.71	276	1446628	18.203 ng/ul	98
93) Dibenzo(a,h)anthracene	25.73	278	1210876	18.303 ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	1183430	17.883 ng/ul	99

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

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