Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017998.D
Acq On : 07 Dec 2018 12:38
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02082

Manual Integrations APPROVED
Sohil
12/11/2018 8:40:00 AM

Quant Time: Dec 07 13:48:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 07 12:18:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	245536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	979891	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	510203	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	1076588	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	1225467	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	1291830	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	44117	8.22	ng/uL	0.00
5) Phenol-d5	6.75	99	379754	16.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	221997	16.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	341864	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	309342	16.88	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	158156	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	176319	20.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	318109	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	271120	19.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	827947	18.70	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1076423	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	132286	16.44	ng/ul	0.00
57) Fluorene-d10	15.20	176	718686	18.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	141433	18.38	ng/ul	0.00
70) Anthracene-d10	17.06	188	1070585	19.97	ng/ul	0.00
78) Pyrene-d10	19.37	212	1167078	19.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	1396760	19.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	46084	8.051	ng/uL	95
4) Benzaldehyde	6.72	77	70149	16.776	ng/ul	91
6) Phenol	6.78	94	379102	16.937	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	300966	17.600	ng/ul	92
10) 2-Chlorophenol	7.13	128	339926	19.391	ng/ul	95
11) 2-Methylphenol	8.00	108	300093	17.572	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	344921	17.096	ng/ul	99
14) Acetophenone	8.38	105	477220	16.710	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	231537	15.544	ng/ul	97
16) 4-Methylphenol	8.33	108	317684	17.214	ng/ul	93
17) Hexachloroethane	8.61	117	144153	20.282	ng/ul	96
20) Nitrobenzene	8.75	77	356919	18.893	ng/ul	92
21) Isophorone	9.27	82	614649	17.490	ng/ul	97
23) 2-Nitrophenol	9.46	139	182370	20.320	ng/ul	94
24) 2,4-Dimethylphenol	9.52	107	354643	18.916	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	393147	18.281	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	306896	19.798	ng/ul	98
28) Naphthalene	10.37	128	1019635	19.972	ng/ul	99
30) 4-Chloroaniline	10.50	127	280929	19.544	ng/ul	98
31) Hexachlorobutadiene	10.65	225	205075	19.920	ng/ul	96
32) Caprolactam	11.29	113	83894m	16.358	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	303085	17.216	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	706890	18.548	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	364571	21.415 ng/ul	98
37) Hexachlorocyclopentadiene	12.34	237	195321	17.791 ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	226907	20.508 ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	232207	19.624 ng/ul	99
40) 1,1'-Biphenyl	13.03	154	865341	20.604 ng/ul	99
41) 2-Chloronaphthalene	13.07	162	682358	20.770 ng/ul	98
42) 2-Nitroaniline	13.30	65	177031	18.504 ng/ul	97
44) Dimethylphthalate	13.67	163	803224	18.728 ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	168973	20.050 ng/ul	93
47) Acenaphthylene	13.92	152	1001560	20.017 ng/ul	99
48) 3-Nitroaniline	14.13	138	155563	19.349 ng/ul	94
49) Acenaphthene	14.27	153	706255	19.585 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	88328	15.458 ng/ul	94
52) 4-Nitrophenol	14.46	109	105585	15.949 ng/ul	93
53) Dibenzofuran	14.61	168	982710	19.258 ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	237764	18.633 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.85	232	208867	19.144 ng/ul	95
56) Diethylphthalate	15.05	149	798378	18.070 ng/ul	99
58) Fluorene	15.26	166	801112	18.826 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	406577	18.600 ng/ul	100
60) 4-Nitroaniline	15.31	138	146203	16.358 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.36	198	147074	18.543 ng/ul	93
64) N-Nitrosodiphenylamine	15.48	169	683881	20.632 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	248959	20.237 ng/ul	94
66) Hexachlorobenzene	16.26	284	271589	19.861 ng/ul	96
67) Atrazine	16.44	200	237001	19.277 ng/ul	96
68) Pentachlorophenol	16.62	266	158006	18.573 ng/ul	98
69) Phenanthrene	17.00	178	1228435	19.953 ng/ul	99
71) Anthracene	17.10	178	1267419	20.130 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	349963	22.938 ng/uL	99
73) Pentachlorobenzene	14.53	250	333903	21.398 ng/uL	98
74) Carbazole	17.38	167	1092680	19.695 ng/ul	99
75) Di-n-butylphthalate	17.94	149	1326001	18.913 ng/ul	99
76) Fluoranthene	19.03	202	1422111	19.638 ng/ul	100
79) Pyrene	19.40	202	1468427	19.739 ng/ul	98
80) Butylbenzylphthalate	20.32	149	612413	19.252 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.10	252	480875	19.062 ng/ul	99
82) Benzo(a)anthracene	21.16	228	1499184	19.724 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	911502	19.351 ng/ul	99
84) Chrysene	21.21	228	1409073	19.822 ng/ul	99
86) Di-n-octyl phthalate	21.97	149	1548982	17.119 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	1579419	19.669 ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	1462431	18.739 ng/ul	99
90) Benzo(a)pyrene	23.26	252	1504586	19.758 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.51	276	1832203	22.708 ng/ul	99
92) Dibenzo(a,h)anthracene	25.52	278	1539552	22.599 ng/ul	100
93) Benzo(g,h,i)perylene	26.16	276	1539058	23.601 ng/ul	99

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

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