Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011794.D
Acq On : 30 Sep 2017 07:28
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Quant Time: Oct 01 03:07:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 06:38:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	249551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1143249	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	631459	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1400861	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1282651	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	996353	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	40034	7.15	ng/uL	0.00
5) Phenol-d5	7.09	99	453285	18.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	331847	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	369952	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	368120	19.15	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	177623	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	197080	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	369148	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	454332	22.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1051167	19.41	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1332993	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	173776	18.77	ng/ul	0.00
57) Fluorene-d10	15.56	176	908031	19.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	137470	14.49	ng/ul	0.00
70) Anthracene-d10	17.41	188	1398310	19.62	ng/ul	0.00
76) Pyrene-d10	19.70	212	1517458	24.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	942797	19.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	42586	6.836	ng/uL	97
4) Benzaldehyde	7.07	77	277094	23.021	ng/ul	96
6) Phenol	7.12	94	456170	18.376	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.35	93	358486	18.784	ng/ul#	77
10) 2-Chlorophenol	7.49	128	356248	19.994	ng/ul#	85
11) 2-Methylphenol	8.37	108	346304	18.997	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.46	45	780321	19.089	ng/ul	97
14) Acetophenone	8.76	105	576759	18.670	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.74	70	326623	18.732	ng/ul	97
16) 4-Methylphenol	8.70	108	375432	18.735	ng/ul	94
17) Hexachloroethane	9.01	117	156451	19.913	ng/ul#	66
20) Nitrobenzene	9.14	77	485946	19.798	ng/ul	98
21) Isophorone	9.66	82	870774	18.913	ng/ul#	95
23) 2-Nitrophenol	9.85	139	199781	20.174	ng/ul#	87
24) 2,4-Dimethylphenol	9.90	107	437112	19.389	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.14	93	498418	18.697	ng/ul	96
27) 2,4-Dichlorophenol	10.38	162	345179	19.994	ng/ul#	87
28) Naphthalene	10.79	128	1157872	19.377	ng/ul	100
30) 4-Chloroaniline	10.90	127	433461	22.332	ng/ul	95
31) Hexachlorobutadiene	11.06	225	243988	20.075	ng/ul	96
32) Caprolactam	11.67	113	100862	18.032	ng/ul	95
33) 4-Chloro-3-methylphenol	12.02	107	382025	19.545	ng/ul	98
34) 2-Methylnaphthalene	12.40	142	815448	19.251	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	435900	20.420 ng/ul#	97
37) Hexachlorocyclopentadiene	12.74	237	175083	12.761 ng/ul	98
38) 2,4,6-Trichlorophenol	13.00	196	288982	21.081 ng/ul	96
39) 2,4,5-Trichlorophenol	13.07	196	295928	20.853 ng/ul	98
40) 1,1'-Biphenyl	13.40	154	1041925	20.034 ng/ul	98
41) 2-Chloronaphthalene	13.45	162	813335	20.409 ng/ul	97
42) 2-Nitroaniline	13.65	65	298044	20.337 ng/ul	87
44) Dimethylphthalate	14.02	163	1003004	19.363 ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	195468	20.491 ng/ul#	92
47) Acenaphthylene	14.29	152	1294600	19.704 ng/ul	99
48) 3-Nitroaniline	14.47	138	195114	20.002 ng/ul	96
49) Acenaphthene	14.63	153	868283	19.405 ng/ul	98
50) 2,4-Dinitrophenol	14.69	184	73020	11.661 ng/ul#	73
52) 4-Nitrophenol	14.77	109	164220	18.137 ng/ul	96
53) Dibenzofuran	14.97	168	1215791	19.784 ng/ul	96
54) 2,4-Dinitrotoluene	14.93	165	273949	20.126 ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.19	232	261388	19.968 ng/ul#	82
56) Diethylphthalate	15.38	149	1037456	19.047 ng/ul	94
58) Fluorene	15.62	166	992195	19.067 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.60	204	501782	19.176 ng/ul	94
60) 4-Nitroaniline	15.63	138	211421	19.751 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.69	198	139596	14.488 ng/ul	99
64) N-Nitrosodiphenylamine	15.82	169	808438	19.524 ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	302668	19.643 ng/ul	94
66) Hexachlorobenzene	16.62	284	347776	20.313 ng/ul#	86
67) Atrazine	16.76	200	301973	18.810 ng/ul	97
68) Pentachlorophenol	16.96	266	200574	17.796 ng/ul	97
69) Phenanthrene	17.35	178	1501754	19.154 ng/ul	98
71) Anthracene	17.44	178	1575938	19.509 ng/ul	98
72) Carbazole	17.72	167	1304085	18.427 ng/ul	99
73) Di-n-butylphthalate	18.26	149	1781324	19.544 ng/ul	98
74) Fluoranthene	19.36	202	1756010	18.344 ng/ul#	90
77) Pyrene	19.73	202	1863685	24.382 ng/ul#	89
78) Butylbenzylphthalate	20.60	149	834156	26.109 ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.39	252	421269	17.273 ng/ul#	95
80) Benzo(a)anthracene	21.46	228	1524476	21.244 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	1215233	25.483 ng/ul#	95
82) Chrysene	21.52	228	1400230	20.689 ng/ul	99
84) Di-n-octyl phthalate	22.28	149	2003540	26.018 ng/ul#	86
85) Benzo(b)fluoranthene	23.12	252	1214557	20.661 ng/ul#	96
86) Benzo(k)fluoranthene	23.17	252	1177793	19.639 ng/ul#	97
88) Benzo(a)pyrene	23.73	252	1119052	19.709 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	1193334	20.186 ng/ul#	90
90) Dibenzo(a,h)anthracene	26.27	278	1016033	20.521 ng/ul#	95
91) Benzo(g,h,i)perylene	27.00	276	1025278	20.895 ng/ul#	93

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

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