Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012798.D
Acq On : 07 Nov 2017 16:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
Sohil
11/8/2017 5:38:23 PM

Quant Time: Nov 08 01:36:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 00:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	110751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	487978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	326585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	782587m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	893661	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	805798	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	15018	7.33	ng/uL	0.00
5) Phenol-d5	6.97	99	167359	20.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	91474	20.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	140605	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	153285	21.55	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	71654	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	85573	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	172033	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	199759	24.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	544158	20.14	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	666725	19.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	83500	19.28	ng/ul	0.00
57) Fluorene-d10	15.43	176	462398	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	95483	18.48	ng/ul	0.00
70) Anthracene-d10	17.29	188	737746	19.51	ng/ul	0.00
78) Pyrene-d10	19.58	212	823231	19.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	754570	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	16682	7.249	ng/uL	97
4) Benzaldehyde	6.95	77	105497	24.070	ng/ul	99
6) Phenol	7.00	94	174050	20.575	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.23	93	128373	20.245	ng/ul	97
10) 2-Chlorophenol	7.37	128	141753	20.046	ng/ul	97
11) 2-Methylphenol	8.25	108	135296	21.019	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	115460	22.039	ng/ul	95
14) Acetophenone	8.62	105	232429	21.716	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.61	70	113760	22.110	ng/ul	99
16) 4-Methylphenol	8.57	108	152106	21.772	ng/ul	99
17) Hexachloroethane	8.87	117	56588	19.880	ng/ul#	76
20) Nitrobenzene	9.00	77	161936	19.083	ng/ul	99
21) Isophorone	9.53	82	317648	20.787	ng/ul	98
23) 2-Nitrophenol	9.71	139	88830	19.998	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	175672	19.444	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	192714	20.230	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	164939	20.011	ng/ul	97
28) Naphthalene	10.64	128	476284	19.523	ng/ul	99
30) 4-Chloroaniline	10.75	127	201338	24.536	ng/ul	100
31) Hexachlorobutadiene	10.92	225	120905	18.651	ng/ul	97
32) Caprolactam	11.53	113	53180m	22.941	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	172266	21.494	ng/ul	95
34) 2-Methylnaphthalene	12.25	142	380812	20.424	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	231952	18.346 ng/ul#	97
37) Hexachlorocyclopentadiene	12.60	237	152431	23.674 ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	153182	19.173 ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	161600	19.387 ng/ul	98
40) 1,1'-Biphenyl	13.27	154	517190	19.146 ng/ul	99
41) 2-Chloronaphthalene	13.31	162	404862	18.970 ng/ul	95
42) 2-Nitroaniline	13.52	65	101679	20.164 ng/ul	95
44) Dimethylphthalate	13.90	163	541139	20.178 ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	114971	21.417 ng/ul	92
47) Acenaphthylene	14.16	152	641651	19.802 ng/ul	99
48) 3-Nitroaniline	14.35	138	101827	22.495 ng/ul	98
49) Acenaphthene	14.50	153	432085	19.576 ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	55913	16.676 ng/ul	85
52) 4-Nitrophenol	14.67	109	68186	17.845 ng/ul	97
53) Dibenzofuran	14.84	168	639403	19.861 ng/ul	92
54) 2,4-Dinitrotoluene	14.82	165	164398	20.824 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.07	232	154108	19.916 ng/ul#	84
56) Diethylphthalate	15.26	149	528846	20.303 ng/ul	98
58) Fluorene	15.49	166	526456	19.686 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	290843	19.573 ng/ul#	87
60) 4-Nitroaniline	15.52	138	113300	21.503 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	100270	18.432 ng/ul#	94
64) N-Nitrosodiphenylamine	15.70	169	463813	19.630 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	199456m	19.617 ng/ul	
66) Hexachlorobenzene	16.50	284	224297	19.538 ng/ul#	82
67) Atrazine	16.65	200	192455	20.402 ng/ul	96
68) Pentachlorophenol	16.84	266	113636	17.325 ng/ul	99
69) Phenanthrene	17.23	178	849248m	19.854 ng/ul	
71) Anthracene	17.32	178	877893	19.794 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	229605	17.949 ng/uL	99
73) Pentachlorobenzene	14.76	250	248303	18.969 ng/uL	98
74) Carbazole	17.59	167	744756	20.134 ng/ul	98
75) Di-n-butylphthalate	18.15	149	905827	20.899 ng/ul	100
76) Fluoranthene	19.24	202	1041064	20.254 ng/ul#	93
79) Pyrene	19.61	202	1073064	20.126 ng/ul#	91
80) Butylbenzylphthalate	20.50	149	401289	20.638 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.28	252	394501	19.959 ng/ul#	98
82) Benzo(a)anthracene	21.35	228	1057449	19.554 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	589897	20.825 ng/ul#	95
84) Chrysene	21.40	228	954276	19.472 ng/ul	99
86) Di-n-octyl phthalate	22.16	149	980826	23.140 ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	992890	20.163 ng/ul#	96
88) Benzo(k)fluoranthene	23.00	252	977209	20.878 ng/ul#	96
90) Benzo(a)pyrene	23.54	252	927598	19.796 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.96	276	968390	17.148 ng/ul#	89
92) Dibenzo(a,h)anthracene	25.96	278	824431	17.245 ng/ul#	93
93) Benzo(g,h,i)perylene	26.67	276	778644	16.733 ng/ul#	89

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

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