Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120517\
Data File : BM013191.D
Acq On : 05 Dec 2017 16:32
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
Sohil
12/6/2017 5:15:00 PM

Quant Time: Dec 05 17:17:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 16:20:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	236879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1065229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	667787	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1555634	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1412149	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1106007	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	33686	7.04	ng/uL	0.00
5) Phenol-d5	6.89	99	410765	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	235199	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	326518	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	354760	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	172933	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	183469	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	364074	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	417147	24.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1145273	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1426224	19.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	191366	18.53	ng/ul	0.00
57) Fluorene-d10	15.34	176	975694	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	168867	17.26	ng/ul	0.00
70) Anthracene-d10	17.19	188	1515863	19.46	ng/ul	0.00
76) Pyrene-d10	19.49	212	1615470	22.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1099562	19.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	37112	6.912	ng/uL#	62
4) Benzaldehyde	6.86	77	213534	21.056	ng/ul	90
6) Phenol	6.92	94	404089	19.945	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.14	93	308163	19.893	ng/ul	99
10) 2-Chlorophenol	7.27	128	326051	20.763	ng/ul	96
11) 2-Methylphenol	8.15	108	311260	19.864	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	341800	21.014	ng/ul#	84
14) Acetophenone	8.53	105	535620	20.116	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.52	70	273702	20.407	ng/ul#	67
16) 4-Methylphenol	8.48	108	339964	20.288	ng/ul	96
17) Hexachloroethane	8.77	117	137438	20.102	ng/ul#	78
20) Nitrobenzene	8.90	77	407212	19.136	ng/ul#	89
21) Isophorone	9.42	82	768812	20.532	ng/ul	94
23) 2-Nitrophenol	9.60	139	188279	20.087	ng/ul#	82
24) 2,4-Dimethylphenol	9.67	107	403221	19.724	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.91	93	449438	20.509	ng/ul	97
27) 2,4-Dichlorophenol	10.14	162	348652	20.259	ng/ul#	94
28) Naphthalene	10.54	128	1082301	19.748	ng/ul	99
30) 4-Chloroaniline	10.65	127	400030	24.130	ng/ul	93
31) Hexachlorobutadiene	10.82	225	233368	18.721	ng/ul	94
32) Caprolactam	11.43	113	116672m	21.213	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	373113	19.764	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	811825	19.705	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	455488	18.903 ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	262309	16.539 ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	296459	19.735 ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	310392	19.452 ng/ul	95
40) 1,1'-Biphenyl	13.17	154	1093238	19.371 ng/ul	99
41) 2-Chloronaphthalene	13.22	162	861150	19.449 ng/ul	99
42) 2-Nitroaniline	13.43	65	258198	19.903 ng/ul	91
44) Dimethylphthalate	13.81	163	1097381	19.308 ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	229712	19.817 ng/ul	96
47) Acenaphthylene	14.07	152	1320270	19.455 ng/ul	98
48) 3-Nitroaniline	14.26	138	221435	21.371 ng/ul	86
49) Acenaphthene	14.41	153	886092	19.168 ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	104038	16.219 ng/ul	94
52) 4-Nitrophenol	14.57	109	174029	17.182 ng/ul	80
53) Dibenzofuran	14.74	168	1293624	18.955 ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	328618	19.488 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.97	232	288628	19.727 ng/ul#	90
56) Diethylphthalate	15.18	149	1108543	19.447 ng/ul	94
58) Fluorene	15.40	166	1072350	18.994 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.40	204	571482	18.650 ng/ul	98
60) 4-Nitroaniline	15.43	138	240729	19.692 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.48	198	177424	18.143 ng/ul	95
64) N-Nitrosodiphenylamine	15.61	169	919541	20.066 ng/ul	97
65) 4-Bromophenyl-phenylether	16.29	248	360966	19.739 ng/ul	94
66) Hexachlorobenzene	16.40	284	386313	19.156 ng/ul#	93
67) Atrazine	16.57	200	357554	21.139 ng/ul	93
68) Pentachlorophenol	16.74	266	218523	18.735 ng/ul	98
69) Phenanthrene	17.13	178	1703631	19.277 ng/ul	99
71) Anthracene	17.23	178	1739026	19.250 ng/ul	99
72) Carbazole	17.50	167	1474515	18.976 ng/ul	99
73) Di-n-butylphthalate	18.07	149	1859067	20.495 ng/ul	98
74) Fluoranthene	19.15	202	1982737	18.307 ng/ul#	93
77) Pyrene	19.52	202	1950577	22.736 ng/ul#	91
78) Butylbenzylphthalate	20.43	149	809543	24.151 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	559829	18.859 ng/ul#	95
80) Benzo(a)anthracene	21.27	228	1767971	19.732 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	1165761	23.073 ng/ul#	98
82) Chrysene	21.32	228	1598391	19.229 ng/ul	99
84) Di-n-octyl phthalate	22.09	149	1801298	22.903 ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1515059	20.321 ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	1357184	19.343 ng/ul#	97
88) Benzo(a)pyrene	23.41	252	1298555	19.389 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	1321620	19.888 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.77	278	1124785	19.878 ng/ul#	96
91) Benzo(g,h,i)perylene	26.44	276	1065927	20.335 ng/ul#	96

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

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