Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001471.D
Acq On : 30 May 2015 12:35
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: May 31 02:10:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 02:09:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	148187	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.16	136	604672	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.06	164	349664	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	751221	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	717411	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	651288	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.80	96	23230	7.82	ng/uL	-0.01
5) Phenol-d5	6.57	99	221476	20.15	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.72	67	136758	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	191358	21.38	ng/ul	-0.01
13) 4-Methylphenol-d8	8.11	113	182934	19.77	ng/ul	-0.01
19) Nitrobenzene-d5	8.53	128	88037	22.36	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	103706	23.11	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.79	165	193836	21.57	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.31	131	243977	23.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	496612	20.25	ng/ul	0.00
46) Acenaphthylene-d8	13.74	160	707730	21.20	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.30	143	97109	19.42	ng/ul	-0.01
57) Fluorene-d10	15.06	176	482415	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	92672	20.04	ng/ul	0.00
70) Anthracene-d10	16.91	188	707236	20.42	ng/ul	-0.01
76) Pyrene-d10	19.22	212	715863	22.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.98	264	598233	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	25169	7.57	ng/uL	96
4) Benzaldehyde	6.52	77	153834	26.91	ng/ul	98
6) Phenol	6.60	94	233223	20.08	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.81	93	182427	19.79	ng/ul	97
10) 2-Chlorophenol	6.94	128	194986	20.89	ng/ul	98
11) 2-Methylphenol	7.85	108	179069	19.80	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.92	45	336756	19.69	ng/ul	97
14) Acetophenone	8.20	105	296235	19.59	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.19	70	154521	21.45	ng/ul#	98
16) 4-Methylphenol	8.17	108	195879	19.80	ng/ul	99
17) Hexachloroethane	8.44	117	83425	21.11	ng/ul	96
20) Nitrobenzene	8.57	77	222547	21.20	ng/ul	97
21) Isophorone	9.10	82	395761	21.55	ng/ul	99
23) 2-Nitrophenol	9.29	139	111735	22.44	ng/ul	98
24) 2,4-Dimethylphenol	9.37	107	221800	20.98	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.59	93	243312	20.78	ng/ul	99
27) 2,4-Dichlorophenol	9.82	162	190452	21.55	ng/ul	97
28) Naphthalene	10.20	128	630733	20.29	ng/ul	99
30) 4-Chloroaniline	10.33	127	247565	22.86	ng/ul	99
31) Hexachlorobutadiene	10.50	225	119761	20.47	ng/ul	97
32) Caprolactam	11.07	113	56339	19.41	ng/ul	97
33) 4-Chloro-3-methylphenol	11.48	107	197750	20.76	ng/ul	97
34) 2-Methylnaphthalene	11.83	142	452188	20.16	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.22	216	224770	21.33 ng/ul	99
37) Hexachlorocyclopentadiene	12.20	237	126675	20.91 ng/ul	97
38) 2,4,6-Trichlorophenol	12.48	196	147686	22.83 ng/ul	93
39) 2,4,5-Trichlorophenol	12.55	196	156445	21.95 ng/ul	98
40) 1,1'-Biphenyl	12.88	154	587897	20.99 ng/ul	99
41) 2-Chloronaphthalene	12.92	162	454891	20.94 ng/ul	99
42) 2-Nitroaniline	13.14	65	135597	22.65 ng/ul	92
44) Dimethylphthalate	13.53	163	555256	20.06 ng/ul	99
45) 2,6-Dinitrotoluene	13.65	165	113521	21.71 ng/ul	98
47) Acenaphthylene	13.77	152	735925	20.73 ng/ul	100
48) 3-Nitroaniline	13.98	138	121396	21.64 ng/ul	97
49) Acenaphthene	14.13	153	482162	20.20 ng/ul	98
50) 2,4-Dinitrophenol	14.20	184	63433	19.06 ng/ul	99
52) 4-Nitrophenol	14.32	109	78478	18.28 ng/ul	96
53) Dibenzofuran	14.46	168	673789	19.71 ng/ul	99
54) 2,4-Dinitrotoluene	14.45	165	163020	20.36 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.70	232	133159	21.41 ng/ul	99
56) Diethylphthalate	14.91	149	564617	19.60 ng/ul	98
58) Fluorene	15.12	166	564447	19.53 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.12	204	276326	19.61 ng/ul	96
60) 4-Nitroaniline	15.15	138	122519	20.50 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.22	198	100409	20.07 ng/ul#	94
64) N-Nitrosodiphenylamine	15.34	169	470936	21.55 ng/ul	99
65) 4-Bromophenyl-phenylether	16.02	248	157297	21.23 ng/ul	97
66) Hexachlorobenzene	16.13	284	171647	20.63 ng/ul	96
67) Atrazine	16.30	200	164304	20.64 ng/ul	97
68) Pentachlorophenol	16.48	266	96313	19.88 ng/ul	94
69) Phenanthrene	16.86	178	837103	20.01 ng/ul	99
71) Anthracene	16.94	178	867684	20.10 ng/ul	100
72) Carbazole	17.23	167	768529	19.16 ng/ul	99
73) Di-n-butylphthalate	17.80	149	939943	20.27 ng/ul	99
74) Fluoranthene	18.89	202	928320	18.32 ng/ul	99
77) Pyrene	19.25	202	982779	22.92 ng/ul	97
78) Butylbenzylphthalate	20.17	149	394242	23.31 ng/ul	97
79) 3,3'-Dichlorobenzidine	20.95	252	284475	20.70 ng/ul	98
80) Benzo(a)anthracene	21.01	228	867369	20.70 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	20.96	149	583106	21.80 ng/ul	97
82) Chrysene	21.06	228	813211	20.62 ng/ul	99
84) Di-n-octyl phthalate	21.80	149	936948	19.51 ng/ul	100
85) Benzo(b)fluoranthene	22.50	252	802569	20.13 ng/ul	98
86) Benzo(k)fluoranthene	22.54	252	765168	20.04 ng/ul	98
88) Benzo(a)pyrene	23.02	252	772225	20.64 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	892697	22.67 ng/ul	97
90) Dibenzo(a,h)anthracene	25.17	278	758683	22.94 ng/ul	98
91) Benzo(g,h,i)perylene	25.79	276	763446	23.49 ng/ul	97

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

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