Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017391.D
Acq On : 2 Jun 2015 12:38
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Quant Time: Jun 03 03:42:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 05:29:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	20485	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	84380	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.30	164	58419	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	143211	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	166131	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	163277	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	3495	8.10	ng/uL	-0.01
5) Phenol-d5	6.84	99	32077	18.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	19206	18.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	28210	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	26218	17.72	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	14089	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	17049	21.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	28896	21.13	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.57	131	37177	23.68	ng/ul	-0.01
43) Dimethylphthalate-d6	13.72	166	89854	21.57	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	111885	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	17640	22.20	ng/ul	0.00
57) Fluorene-d10	15.30	176	85248	21.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19203	19.16	ng/ul	0.00
70) Anthracene-d10	17.15	188	142609	21.26	ng/ul	0.00
76) Pyrene-d10	19.45	212	166340	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	151084	20.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	4099	8.38	ng/uL#	1
4) Benzaldehyde	6.78	77	22906	24.24	ng/ul	92
6) Phenol	6.86	94	33143	18.29	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.06	93	24459	17.91	ng/ul#	86
10) 2-Chlorophenol	7.21	128	27651	19.85	ng/ul#	94
11) 2-Methylphenol	8.10	108	26566	18.20	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.18	45	41950	17.98	ng/ul	98
14) Acetophenone	8.46	105	42261	18.12	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.45	70	25676	19.17	ng/ul#	96
16) 4-Methylphenol	8.43	108	29051	18.25	ng/ul	94
17) Hexachloroethane	8.70	117	12715	19.82	ng/ul	92
20) Nitrobenzene	8.84	77	36370	20.78	ng/ul	93
21) Isophorone	9.36	82	67226	20.60	ng/ul	95
23) 2-Nitrophenol	9.54	139	17089	21.81	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	36320	21.30	ng/ul	84
25) Bis(2-Chloroethoxy)methane	9.85	93	34311	19.96	ng/ul	94
27) 2,4-Dichlorophenol	10.09	162	27836	21.06	ng/ul	95
28) Naphthalene	10.48	128	88183	20.60	ng/ul	98
30) 4-Chloroaniline	10.60	127	38407	24.30	ng/ul	99
31) Hexachlorobutadiene	10.76	225	19323	21.89	ng/ul	97
32) Caprolactam	11.36	113	14320	24.26	ng/ul	90
33) 4-Chloro-3-methylphenol	11.75	107	34602	21.72	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	67626	20.96	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	35313	20.82 ng/ul	90
37) Hexachlorocyclopentadiene	12.45	237	13435	16.10 ng/ul	91
38) 2,4,6-Trichlorophenol	12.73	196	24298	21.64 ng/ul	95
39) 2,4,5-Trichlorophenol	12.82	196	26857	21.93 ng/ul	93
40) 1,1'-Biphenyl	13.13	154	90584	20.69 ng/ul	98
41) 2-Chloronaphthalene	13.16	162	69759	19.89 ng/ul	96
42) 2-Nitroaniline	13.39	65	26725	20.64 ng/ul	92
44) Dimethylphthalate	13.76	163	100923	21.82 ng/ul	98
45) 2,6-Dinitrotoluene	13.89	165	21860	21.35 ng/ul	99
47) Acenaphthylene	14.02	152	116896	20.17 ng/ul	99
48) 3-Nitroaniline	14.22	138	22651	21.78 ng/ul	90
49) Acenaphthene	14.36	153	76715	20.47 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	7096	13.63 ng/ul	93
52) 4-Nitrophenol	14.57	109	20477	22.59 ng/ul	95
53) Dibenzofuran	14.70	168	108238	20.36 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	32619	21.96 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	24802	23.14 ng/ul	94
56) Diethylphthalate	15.13	149	107241	21.77 ng/ul	97
58) Fluorene	15.35	166	97315	21.12 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	50644	20.81 ng/ul	99
60) 4-Nitroaniline	15.38	138	25109	23.22 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.44	198	20323	19.91 ng/ul#	88
64) N-Nitrosodiphenylamine	15.57	169	83816	19.85 ng/ul	98
65) 4-Bromophenyl-phenylether	16.24	248	31194	19.36 ng/ul	90
66) Hexachlorobenzene	16.36	284	34398	20.14 ng/ul	96
67) Atrazine	16.52	200	38643	23.04 ng/ul#	91
68) Pentachlorophenol	16.71	266	15503	18.58 ng/ul	96
69) Phenanthrene	17.09	178	156068	20.50 ng/ul	97
71) Anthracene	17.18	178	158075	20.15 ng/ul	97
72) Carbazole	17.46	167	150006	21.34 ng/ul	97
73) Di-n-butylphthalate	18.02	149	200815	20.73 ng/ul	96
74) Fluoranthene	19.12	202	197151	21.45 ng/ul	98
77) Pyrene	19.48	202	209048	20.10 ng/ul	98
78) Butylbenzylphthalate	20.38	149	93495	20.02 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	77093	21.41 ng/ul	96
80) Benzo(a)anthracene	21.23	228	205796	20.84 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.16	149	134118	19.96 ng/ul	99
82) Chrysene	21.28	228	189996	20.77 ng/ul	98
84) Di-n-octyl phthalate	22.04	149	225879	20.52 ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	201484	20.48 ng/ul	99
86) Benzo(k)fluoranthene	22.85	252	199863	21.63 ng/ul	99
88) Benzo(a)pyrene	23.39	252	191200	20.56 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.75	276	217553	20.76 ng/ul	99
90) Dibenzo(a,h)anthracene	25.77	278	187593	21.02 ng/ul	95
91) Benzo(g,h,i)perylene	26.46	276	180067	20.57 ng/ul	96

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

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