Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030576.D
Acq On : 30 Oct 2017 13:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02078

Quant Time: Oct 31 05:48:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	64002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	299327	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.78	164	195633	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	476652	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	536248	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	548298	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	12639	8.03	ng/uL	0.00
5) Phenol-d5	7.31	99	106195	17.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	61380	15.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	84803	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	94678	19.08	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	40708	18.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	47954	21.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	98758	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	122186	20.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	312675	18.69	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	387974	19.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	52353	16.96	ng/ul	0.00
57) Fluorene-d10	15.76	176	280613	20.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	37919	16.30	ng/ul	0.00
70) Anthracene-d10	17.61	188	435935	19.34	ng/ul	0.00
76) Pyrene-d10	19.89	212	506519	18.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	489118	18.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	13169	6.858	ng/uL#	77
4) Benzaldehyde	7.29	77	67778	17.857	ng/ul	96
6) Phenol	7.34	94	110952	17.456	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.57	93	84175	17.397	ng/ul	89
10) 2-Chlorophenol	7.72	128	83724	18.900	ng/ul	92
11) 2-Methylphenol	8.60	108	83786	17.631	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.69	45	128185	18.076	ng/ul	97
14) Acetophenone	8.98	105	136682	18.040	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.96	70	72650	17.303	ng/ul	94
16) 4-Methylphenol	8.92	108	94388	18.231	ng/ul	96
17) Hexachloroethane	9.25	117	33168	18.752	ng/ul	93
20) Nitrobenzene	9.37	77	96152	16.412	ng/ul#	84
21) Isophorone	9.89	82	203428	16.434	ng/ul	96
23) 2-Nitrophenol	10.09	139	51741	21.177	ng/ul#	75
24) 2,4-Dimethylphenol	10.13	107	104650	17.613	ng/ul#	91
25) Bis(2-Chloroethoxy)methane	10.37	93	123020	16.510	ng/ul#	95
27) 2,4-Dichlorophenol	10.62	162	95967	19.975	ng/ul	97
28) Naphthalene	11.03	128	278847	17.606	ng/ul	99
30) 4-Chloroaniline	11.13	127	119321	20.918	ng/ul	95
31) Hexachlorobutadiene	11.31	225	64474	21.484	ng/ul	97
32) Caprolactam	11.88	113	37447	18.212	ng/ul	89
33) 4-Chloro-3-methylphenol	12.24	107	103650	18.388	ng/ul#	90
34) 2-Methylnaphthalene	12.62	142	224135	17.095	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.98	216	126871	21.884 ng/ul#	95
37) Hexachlorocyclopentadiene	12.96	237	54989	17.994 ng/ul	97
38) 2,4,6-Trichlorophenol	13.22	196	89975	22.402 ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	95454	22.509 ng/ul	98
40) 1,1'-Biphenyl	13.61	154	299747	18.584 ng/ul	97
41) 2-Chloronaphthalene	13.66	162	237133	19.423 ng/ul	97
42) 2-Nitroaniline	13.86	65	63393	16.576 ng/ul#	82
44) Dimethylphthalate	14.22	163	316337	19.391 ng/ul	100
45) 2,6-Dinitrotoluene	14.35	165	61787	21.653 ng/ul#	84
47) Acenaphthylene	14.50	152	376743	18.157 ng/ul	96
48) 3-Nitroaniline	14.67	138	62344	20.165 ng/ul	83
49) Acenaphthene	14.84	153	253186	17.835 ng/ul	98
50) 2,4-Dinitrophenol	14.89	184	24143	15.809 ng/ul#	72
52) 4-Nitrophenol	14.97	109	37836	16.239 ng/ul#	78
53) Dibenzofuran	15.17	168	375599	19.353 ng/ul	92
54) 2,4-Dinitrotoluene	15.13	165	89620	21.482 ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.40	232	85997	23.061 ng/ul	90
56) Diethylphthalate	15.57	149	309930	18.437 ng/ul	97
58) Fluorene	15.82	166	298430	19.276 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.81	204	164288	22.554 ng/ul	90
60) 4-Nitroaniline	15.83	138	68236	17.954 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.90	198	37525	15.264 ng/ul#	83
64) N-Nitrosodiphenylamine	16.02	169	268955	18.918 ng/ul	97
65) 4-Bromophenyl-phenylether	16.70	248	109756	22.824 ng/ul#	90
66) Hexachlorobenzene	16.82	284	115867	23.550 ng/ul	92
67) Atrazine	16.95	200	111596	20.670 ng/ul	97
68) Pentachlorophenol	17.17	266	44941	15.332 ng/ul	95
69) Phenanthrene	17.56	178	486492	18.880 ng/ul	98
71) Anthracene	17.65	178	503776	18.949 ng/ul	98
72) Carbazole	17.92	167	454954	19.038 ng/ul	95
73) Di-n-butylphthalate	18.46	149	541043	18.843 ng/ul	99
74) Fluoranthene	19.56	202	611662	21.240 ng/ul	99
77) Pyrene	19.92	202	626359	17.428 ng/ul	97
78) Butylbenzylphthalate	20.78	149	258279	17.724 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.68	252	230120	23.451 ng/ul	99
80) Benzo(a)anthracene	21.77	228	647035	19.253 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	366292	17.345 ng/ul#	100
82) Chrysene	21.84	228	581952	19.058 ng/ul	97
84) Di-n-octyl phthalate	22.90	149	630883	17.197 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	622141	18.901 ng/ul	99
86) Benzo(k)fluoranthene	24.12	252	625568	19.656 ng/ul	98
88) Benzo(a)pyrene	24.95	252	613069	19.134 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	727865	20.079 ng/ul	99
90) Dibenzo(a,h)anthracene	28.96	278	612266	20.332 ng/ul	99
91) Benzo(g,h,i)perylene	30.09	276	600981	20.001 ng/ul	97

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

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