Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02

Quant Time: Mar 11 11:26:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	16630	20.00	ng/ul	0.03
18) Naphthalene-d8	10.96	136	70154	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.76	164	37971	20.00	ng/ul	0.03
62) Phenanthrene-d10	17.50	188	81439	20.00	ng/ul	0.03
78) Chrysene-d12	21.77	240	70475	20.00	ng/ul	0.04
86) Perylene-d12	25.01	264	281	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	816	2.30	ng/uL	0.01
5) Phenol-d5	7.30	99	23912	12.70	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.46	67	17894	14.79	ng/ul	0.02
9) 2-Chlorophenol-d4	7.67	132	18613	14.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.84	113	15857	10.42	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	10803	19.11	ng/ul	0.02
22) 2-Nitrophenol-d4	10.03	143	10850	17.48	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.58	165	16018	14.20	ng/ul	0.04
29) 4-Chloroaniline-d4	10.92	131	132	0.09	ng/ul	-0.13
44) Dimethylphthalate-d6	14.15	166	52861	16.09	ng/ul	0.02
47) Acenaphthylene-d8	14.45	160	67398	16.83	ng/ul	0.02
52) 4-Nitrophenol-d4	14.96	143	4545	7.31	ng/ul	0.04
58) Fluorene-d10	15.75	176	46281	16.03	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.86	200	2793	5.13	ng/ul	0.03
71) Anthracene-d10	17.60	188	62608	15.40	ng/ul	0.03
79) Pyrene-d10	19.87	212	76424	21.25	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.80	264	438	29.15	ng/ul	0.03
Target Compounds						Qvalue
12) 2,2'-oxybis(1-Chloropropan	8.75	45	3804	1.68	ng/ul#	66
14) Acetophenone	8.97	105	5218	2.08	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.85	70	2207	1.37	ng/ul#	10
28) Naphthalene	11.01	128	381156	96.89	ng/ul	99
30) 4-Chloroaniline	11.01	127	52487	32.70	ng/ul#	9
34) 2-Methylnaphthalene	12.60	142	4756	1.63	ng/ul#	40
35) 1-Methylnaphthalene	12.81	142	3799	1.37	ng/ul#	20
45) Dimethylphthalate	14.20	163	23554	6.71	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.86	198	1030	1.74	ng/ul#	1
65) N-Nitrosodiphenylamine	16.01	169	5618	2.08	ng/ul#	67
70) Phenanthrene	17.54	178	19892	4.11	ng/ul#	87
75) Carbazole	17.96	167	21926	5.14	ng/ul	96
76) Di-n-butylphthalate	18.43	149	15560	2.68	ng/ul#	88
77) Fluoranthene	19.54	202	19487	3.48	ng/ul#	76
80) Pyrene	19.90	202	29113	6.17	ng/ul#	89
81) Butylbenzylphthalate	20.78	149	4992	2.31	ng/ul#	22
83) Benzo(a)anthracene	21.75	228	8016	1.74	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.64	149	45496	14.12	ng/ul#	39
85) Chrysene	21.82	228	12091	2.84	ng/ul#	1
87) Di-n-octyl phthalate	22.84	149	99907	4304.09	ng/ul	100
88) Benzo(b)fluoranthene	24.01	252	4257	221.46	ng/ul#	1
89) Benzo(k)fluoranthene	24.04	252	111	5.93	ng/ul#	1
91) Benzo(a)pyrene	24.86	252	561	29.72	ng/ul#	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	28.71	276	89	4.29	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.78	278	97	5.51	ng/ul#	1
94) Benzo(g,h,i)perylene	29.90	276	126	7.37	ng/ul#	1

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

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