Quantitation Report (QT/LSC Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021414.D
Acq On : 10 Mar 2016 18:55
Operator : UM/SJ
Sample : H1616-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P010-SS001-01

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:50 PM

Quant Time: Mar 11 12:03:35 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	8.12	152	14714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	71756	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	41363	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	85076	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	105042	20.00	ng/ul	0.01
86) Perylene-d12	25.04	264	100116	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	866	2.76	ng/uL	0.00
5) Phenol-d5	7.31	99	29527	17.73	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	20401	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	22527	19.81	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	23342	17.34	ng/ul	0.02
19) Nitrobenzene-d5	9.28	128	12523	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	13415	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	23974	20.78	ng/ul	0.04
29) 4-Chloroaniline-d4	11.07	131	10073	6.66	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	75542	21.10	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	98035	22.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	145	0.21	ng/ul	0.01
58) Fluorene-d10	15.72	176	68112	21.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	10260	18.02	ng/ul	0.00
71) Anthracene-d10	17.57	188	98830	23.27	ng/ul	0.00
79) Pyrene-d10	19.85	212	114385	21.34	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.81	264	120478	22.50	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.98	128	9390	2.33	ng/ul	96
34) 2-Methylnaphthalene	12.57	142	4167	1.39	ng/ul	98
45) Dimethylphthalate	14.18	163	31300	8.18	ng/ul	97
48) Acenaphthylene	14.47	152	10073	2.25	ng/ul#	91
70) Phenanthrene	17.52	178	14331	2.83	ng/ul#	86
72) Anthracene	17.61	178	9488	1.84	ng/ul#	84
77) Fluoranthene	19.52	202	30316	5.19	ng/ul	98
80) Pyrene	19.88	202	64605	9.19	ng/ul	98
83) Benzo(a)anthracene	21.73	228	24888	3.63	ng/ul#	71
84) Bis(2-ethylhexyl)phthalate	21.61	149	37663	7.84	ng/ul#	76
85) Chrysene	21.79	228	31503	4.96	ng/ul#	76
88) Benzo(b)fluoranthene	23.99	252	60968	8.90	ng/ul#	60
89) Benzo(k)fluoranthene	24.04	252	13299m	1.99	ng/ul	
91) Benzo(a)pyrene	24.88	252	48391	7.20	ng/ul#	67
92) Indeno(1,2,3-cd)pyrene	28.79	276	42755	5.79	ng/ul#	91
93) Dibenzo(a,h)anthracene	28.83	278	9599m	1.53	ng/ul	
94) Benzo(g,h,i)perylene	29.96	276	57139	9.38	ng/ul#	95

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

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