Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023664.D
Acq On : 12 Aug 2016 20:19
Operator : UM/SJ
Sample : H4385-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0206-01

Manual Integrations APPROVED
sohil
8/15/2016 6:49:52 PM

Quant Time: Aug 13 04:34:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	154884	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	688111	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	472195	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.56	188	1114761	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1041733	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	1050871	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	10565	2.90	ng/uL	0.00
5) Phenol-d5	7.27	99	245451	15.73	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.42	67	167707	16.78	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	178908	16.81	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	178622	14.66	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	93766	17.29	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	113716	18.25	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.57	165	197811m	16.83	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	233626m	16.95	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	692735	17.92	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	806350	18.53	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	106071	16.07	ng/ul	0.00
57) Fluorene-d10	15.78	176	633375	17.73	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	100443	14.04	ng/ul	-0.02
70) Anthracene-d10	17.65	188	935598	18.63	ng/ul	-0.01
76) Pyrene-d10	19.95	212	963102	18.26	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.06	264	886190	18.63	ng/ul	-0.03
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	332482	8.68	ng/ul	99
69) Phenanthrene	17.59	178	289764	5.02	ng/ul	97
74) Fluoranthene	19.61	202	442542	7.49	ng/ul#	93
77) Pyrene	19.98	202	590525	9.17	ng/ul#	93
80) Benzo(a)anthracene	21.86	228	244214m	4.16	ng/ul	
82) Chrysene	21.93	228	281598	5.28	ng/ul	96
85) Benzo(b)fluoranthene	24.20	252	269181	4.50	ng/ul	95
86) Benzo(k)fluoranthene	24.26	252	96151m	1.63	ng/ul	
88) Benzo(a)pyrene	25.13	252	215058m	3.73	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.21	276	133068m	1.96	ng/ul	
91) Benzo(g,h,i)perylene	30.43	276	132134m	2.35	ng/ul	

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

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