Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023666.D
Acq On : 12 Aug 2016 21:35
Operator : UM/SJ
Sample : H4385-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01

Manual Integrations APPROVED
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8/15/2016 6:49:57 PM

Quant Time: Aug 13 04:42:17 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	133812	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	639869	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	447354	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.56	188	1012878	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	990448	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	1018375	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	8937	2.84	ng/uL	0.00
5) Phenol-d5	7.27	99	238621	17.70	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	161512	18.70	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.65	132	166745	18.13	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	137334	13.05	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	94325m	18.70	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	116472	20.11	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	195566	17.90	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	211886	16.53	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	703492	19.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	827520	20.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	109915	17.58	ng/ul	-0.02
57) Fluorene-d10	15.78	176	631389	18.66	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.92	200	104080	16.02	ng/ul	-0.02
70) Anthracene-d10	17.66	188	884753	19.39	ng/ul	0.00
76) Pyrene-d10	19.95	212	937440	18.70	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.05	264	899895	19.52	ng/ul	-0.04
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	423345	11.67	ng/ul	100
69) Phenanthrene	17.60	178	374397	7.14	ng/ul	98
74) Fluoranthene	19.61	202	534873	9.96	ng/ul#	89
77) Pyrene	19.98	202	689301	11.26	ng/ul#	93
80) Benzo(a)anthracene	21.86	228	300631	5.39	ng/ul	95
82) Chrysene	21.93	228	340848m	6.72	ng/ul	
85) Benzo(b)fluoranthene	24.19	252	345511	5.96	ng/ul	96
86) Benzo(k)fluoranthene	24.26	252	72998m	1.28	ng/ul	
88) Benzo(a)pyrene	25.12	252	267190m	4.78	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	150392	2.29	ng/ul#	86
91) Benzo(g,h,i)perylene	30.41	276	156860m	2.88	ng/ul	

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

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