Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS002-1218-01

Manual Integrations APPROVED
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8/12/2016 5:56:21 PM

Quant Time: Aug 12 05:57:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	157665	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	723034	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.79	164	469201	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1063076	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	1079643	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1119386	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	1317	0.36	ng/uL	0.00
5) Phenol-d5	7.27	99	54892	3.46	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	35660	3.50	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	40435	3.73	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	40312	3.25	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	21378	3.75	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	24025	3.67	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	45770	3.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	17150m	1.18	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	153904	4.01	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	187400	4.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	19300m	2.94	ng/ul	0.02
57) Fluorene-d10	15.78	176	145424	4.10	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	13800	2.02	ng/ul	0.00
70) Anthracene-d10	17.65	188	209874	4.38	ng/ul	-0.01
76) Pyrene-d10	19.94	212	228051	4.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	210021	4.15	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	99783	2.62	ng/ul	99
47) Acenaphthylene	14.52	152	118638	2.62	ng/ul#	93
58) Fluorene	15.84	166	53181	1.40	ng/ul	96
69) Phenanthrene	17.59	178	924557	16.79	ng/ul	98
71) Anthracene	17.69	178	96927	1.73	ng/ul	99
74) Fluoranthene	19.61	202	1118460	19.84	ng/ul#	94
77) Pyrene	19.97	202	1532240	22.96	ng/ul	94
80) Benzo(a)anthracene	21.85	228	692285m	11.39	ng/ul	
82) Chrysene	21.92	228	816535	14.77	ng/ul	95
85) Benzo(b)fluoranthene	24.20	252	747143	11.73	ng/ul#	96
86) Benzo(k)fluoranthene	24.26	252	190340m	3.04	ng/ul	
88) Benzo(a)pyrene	25.11	252	610347m	9.93	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.17	276	375451	5.20	ng/ul#	85
91) Benzo(g,h,i)perylene	30.41	276	438698m	7.33	ng/ul	

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

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