Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023635.D
Acq On : 11 Aug 2016 23:27
Operator : UM/SJ
Sample : H4360-16 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-1218-01

Manual Integrations APPROVED
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8/12/2016 5:56:04 PM

Quant Time: Aug 12 05:19:50 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	157550	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	722523	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	486894	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1084054	20.00	ng/ul	-0.02
75) Chrysene-d12	21.87	240	1083374	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1116839	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	347	0.09	ng/uL	0.00
5) Phenol-d5	7.27	99	7994	0.50	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.42	67	11403	1.12	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	10580	0.98	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	4374	0.35	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	5556	0.98	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	7000	1.07	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	12781m	1.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	717	0.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	45464	1.14	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	52890	1.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	3543m	0.52	ng/ul	0.03
57) Fluorene-d10	15.78	176	42956	1.17	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.93	200	563	0.08	ng/ul	0.01
70) Anthracene-d10	17.64	188	65777	1.35	ng/ul	-0.02
76) Pyrene-d10	19.94	212	65321	1.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	61689	1.22	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.99	128	209374	5.71	ng/ul	99
34) 2-Methylnaphthalene	12.60	142	52687	1.77	ng/ul	90
49) Acenaphthene	14.85	153	120339	3.76	ng/ul	98
53) Dibenzofuran	15.18	168	121887	2.57	ng/ul	94
58) Fluorene	15.84	166	142412	3.61	ng/ul	89
69) Phenanthrene	17.59	178	1445119	25.74	ng/ul	96
71) Anthracene	17.68	178	265592	4.64	ng/ul	97
72) Carbazole	17.96	167	163861	3.55	ng/ul	99
74) Fluoranthene	19.61	202	1604794m	27.92	ng/ul	
77) Pyrene	19.97	202	1409378	21.04	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	739550	12.12	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	73323	2.15	ng/ul#	92
82) Chrysene	21.92	228	756288	13.63	ng/ul	96
85) Benzo(b)fluoranthene	24.18	252	850543	13.39	ng/ul#	94
86) Benzo(k)fluoranthene	24.25	252	357776m	5.72	ng/ul	
88) Benzo(a)pyrene	25.11	252	626032	10.21	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.15	276	413962	5.74	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.18	278	126977m	2.07	ng/ul	
91) Benzo(g,h,i)perylene	30.37	276	365899m	6.12	ng/ul	

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

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