Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022860.D
Acq On : 5 Jul 2016 21:26
Operator : UM/SJ
Sample : H3811-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW3

Manual Integrations APPROVED
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Quant Time: Jul 06 11:45:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	151922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	697074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	519969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1156183m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1237941m	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1291299	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6426	2.36	ng/uL	0.00
5) Phenol-d5	7.31	99	391581	24.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	234793	26.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	262774	24.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	310126	24.98	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	141317	25.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	168739	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	342262	24.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	228021	19.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1097442	25.98	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1272819	26.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	149370	22.52	ng/ul	0.00
57) Fluorene-d10	15.79	176	1041933	26.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	191408m	25.74	ng/ul	0.00
70) Anthracene-d10	17.65	188	1404900	26.14	ng/ul	0.00
76) Pyrene-d10	19.94	212	1649133m	27.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1643517	26.79	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.29	77	24329	2.39	ng/ul#	70
6) Phenol	7.33	94	22597	1.38	ng/ul#	59
44) Dimethylphthalate	14.24	163	332751	7.71	ng/ul	98
69) Phenanthrene	17.60	178	362140m	6.12	ng/ul	
71) Anthracene	17.69	178	62500	1.03	ng/ul	95
74) Fluoranthene	19.60	202	627148m	10.18	ng/ul	
77) Pyrene	19.96	202	876973m	12.65	ng/ul	
80) Benzo(a)anthracene	21.83	228	482104m	6.64	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.72	149	72996m	2.10	ng/ul	
82) Chrysene	21.90	228	529440	8.01	ng/ul	98
85) Benzo(b)fluoranthene	24.16	252	436075	5.40	ng/ul#	92
86) Benzo(k)fluoranthene	24.21	252	155258m	2.05	ng/ul	
88) Benzo(a)pyrene	25.07	252	376972	4.92	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.08	276	210005m	2.59	ng/ul	
90) Dibenzo(a,h)anthracene	29.13	278	72037m	1.07	ng/ul	
91) Benzo(g,h,i)perylene	30.27	276	181325	2.85	ng/ul#	77

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

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