Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023665.D
Acq On : 12 Aug 2016 20:57
Operator : UM/SJ
Sample : H4385-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P003-SS001-0612-01

Manual Integrations APPROVED
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8/15/2016 6:49:54 PM

Quant Time: Aug 13 04:38:00 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	8.11	152	128272	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	593613	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	422603	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	1001636	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	964388	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	969771	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	9176	3.04	ng/uL	0.00
5) Phenol-d5	7.27	99	227868	17.63	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	151151m	18.26	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	165575	18.78	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	178274	17.67	ng/ul	-0.02
19) Nitrobenzene-d5	9.30	128	85828	18.34	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	106535	19.82	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	193074	19.05	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	233568	19.64	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	680697	19.67	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	791193	20.32	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	120577	20.41	ng/ul	-0.01
57) Fluorene-d10	15.79	176	627306	19.62	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	106325	16.55	ng/ul	-0.02
70) Anthracene-d10	17.65	188	950163	21.06	ng/ul	-0.01
76) Pyrene-d10	19.95	212	965246	19.77	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.05	264	916198	20.87	ng/ul	-0.04
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	430530	12.57	ng/ul	98
47) Acenaphthylene	14.52	152	42532	1.04	ng/ul	97
69) Phenanthrene	17.60	178	329255	6.35	ng/ul	98
74) Fluoranthene	19.61	202	517145	9.74	ng/ul#	90
77) Pyrene	19.98	202	697042	11.69	ng/ul	95
80) Benzo(a)anthracene	21.86	228	301953	5.56	ng/ul	99
82) Chrysene	21.93	228	354249m	7.17	ng/ul	
85) Benzo(b)fluoranthene	24.20	252	338551	6.14	ng/ul#	95
86) Benzo(k)fluoranthene	24.27	252	116983m	2.15	ng/ul	
88) Benzo(a)pyrene	25.13	252	311739m	5.85	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	192824m	3.08	ng/ul	
91) Benzo(g,h,i)perylene	30.42	276	220651	4.25	ng/ul#	88

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

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