Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023638.D
Acq On : 12 Aug 2016 1:20
Operator : UM/SJ
Sample : H4360-21 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0612-01

Manual Integrations APPROVED
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8/12/2016 5:56:18 PM

Quant Time: Aug 12 05:50:24 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	169589	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	760483	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	508381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1140077	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1153869	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	1163428	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	2846	0.71	ng/uL	0.00
5) Phenol-d5	7.27	99	64897	3.80	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	97945	8.95	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	75384	6.47	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	38671	2.90	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	56218	9.38	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.01	143	67373	9.79	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	97701	7.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	73602	4.83	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	404658	9.72	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	473529	10.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	20483m	2.88	ng/ul	0.02
57) Fluorene-d10	15.78	176	365586	9.51	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	37919	5.18	ng/ul	0.00
70) Anthracene-d10	17.65	188	538727	10.49	ng/ul	-0.01
76) Pyrene-d10	19.94	212	562368m	9.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	528293	10.03	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	158575	3.85	ng/ul	96
47) Acenaphthylene	14.52	152	54743	1.12	ng/ul	95
49) Acenaphthene	14.85	153	34470	1.03	ng/ul	98
58) Fluorene	15.84	166	47171	1.14	ng/ul#	91
69) Phenanthrene	17.60	178	906854	15.36	ng/ul	98
71) Anthracene	17.68	178	158282	2.63	ng/ul	95
72) Carbazole	17.96	167	53449	1.10	ng/ul	98
74) Fluoranthene	19.61	202	1158020	19.16	ng/ul#	93
77) Pyrene	19.97	202	1245196	17.46	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	584759	9.00	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.74	149	4870093m	133.87	ng/ul	
82) Chrysene	21.92	228	640037m	10.83	ng/ul	
84) Di-n-octyl phthalate	23.01	149	86721	1.48	ng/ul	100
85) Benzo(b)fluoranthene	24.20	252	712610m	10.77	ng/ul	
86) Benzo(k)fluoranthene	24.26	252	202508m	3.11	ng/ul	
88) Benzo(a)pyrene	25.12	252	531935	8.33	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.20	276	353359m	4.71	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	315572	5.07	ng/ul#	86

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

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