Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023637.D
Acq On : 12 Aug 2016 00:43
Operator : UM/SJ
Sample : H4360-20 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Manual Integrations APPROVED
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8/12/2016 5:56:11 PM

Quant Time: Aug 12 05:42:32 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	155660	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.94	136	720504	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	484135	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1080212	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1067009	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1105373	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	949	0.26	ng/uL	0.00
5) Phenol-d5	7.27	99	36284	2.31	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	35120	3.50	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	34221	3.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.84	113	21352	1.74	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	17587	3.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	22305	3.42	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	36749	2.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	23384	1.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	136165	3.44	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	163508	3.67	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.03	143	12756m	1.89	ng/ul	0.03
57) Fluorene-d10	15.78	176	131282	3.58	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	10684	1.54	ng/ul	0.00
70) Anthracene-d10	17.65	188	190871	3.92	ng/ul	-0.01
76) Pyrene-d10	19.94	212	200682	3.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	183653	3.67	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	62403	1.59	ng/ul	97
69) Phenanthrene	17.59	178	359119	6.42	ng/ul	98
74) Fluoranthene	19.60	202	609889	10.65	ng/ul#	90
77) Pyrene	19.97	202	785856	11.91	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	405835m	6.75	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.74	149	4148613	123.32	ng/ul#	52
82) Chrysene	21.92	228	450153	8.24	ng/ul#	93
84) Di-n-octyl phthalate	23.00	149	142753	2.56	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	428742	6.82	ng/ul#	94
86) Benzo(k)fluoranthene	24.25	252	157317m	2.54	ng/ul	
88) Benzo(a)pyrene	25.11	252	343329m	5.66	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.15	276	230538	3.23	ng/ul	96
91) Benzo(g,h,i)perylene	30.38	276	219001	3.70	ng/ul#	84

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

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