Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023661.D
Acq On : 12 Aug 2016 18:25
Operator : UM/SJ
Sample : H4384-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0612-02

Manual Integrations APPROVED
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8/15/2016 6:49:42 PM

Quant Time: Aug 13 04:14:23 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	8.12	152	115786	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	543780	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.79	164	395434	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.56	188	933627	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	919074	20.00	ng/ul	-0.01
83) Perylene-d12	25.30	264	943858	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	6666	2.45	ng/uL	0.00
5) Phenol-d5	7.28	99	159628	13.69	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	102705	13.74	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.65	132	110509	13.89	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	133255	14.63	ng/ul	-0.01
19) Nitrobenzene-d5	9.30	128	65375	15.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	73083	14.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	140736	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	148978	13.68	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	527794	16.30	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	603227	16.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	84092m	15.21	ng/ul	0.00
57) Fluorene-d10	15.79	176	484086	16.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	79538	13.28	ng/ul	0.00
70) Anthracene-d10	17.66	188	729787	17.35	ng/ul	0.00
76) Pyrene-d10	19.95	212	764489	16.43	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.06	264	738648	17.29	ng/ul	-0.03
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	301068	9.39	ng/ul	98
47) Acenaphthylene	14.52	152	58077	1.52	ng/ul	95
69) Phenanthrene	17.60	178	423811	8.77	ng/ul	99
71) Anthracene	17.69	178	64994	1.32	ng/ul	98
74) Fluoranthene	19.61	202	677784m	13.69	ng/ul	
77) Pyrene	19.98	202	871967	15.35	ng/ul#	90
80) Benzo(a)anthracene	21.86	228	413452	7.99	ng/ul	96
82) Chrysene	21.93	228	436778	9.28	ng/ul	94
85) Benzo(b)fluoranthene	24.21	252	393775	7.33	ng/ul#	89
86) Benzo(k)fluoranthene	24.26	252	164297m	3.11	ng/ul	
88) Benzo(a)pyrene	25.13	252	367422m	7.09	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.21	276	218859	3.59	ng/ul#	87
91) Benzo(g,h,i)perylene	30.43	276	202261	4.01	ng/ul#	81

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

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