Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005603.D
Acq On : 23 May 2016 01:06
Operator : UM/SJ
Sample : H3086-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1

Manual Integrations APPROVED
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Quant Time: May 23 08:01:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	99524	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	426502	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	224523	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	510129	20.00	ng/ul	0.04
75) Chrysene-d12	21.39	240	637890	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	580571	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	5851	2.58	ng/uL	0.00
5) Phenol-d5	7.00	99	191411	23.46	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	157259	33.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	151442	22.25	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	149596	22.38	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	75073	23.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	67330	18.76	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	160578	23.75	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	140701	20.78	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	422762	23.07	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	597288	26.07	ng/ul	0.02
51) 4-Nitrophenol-d4	14.68	143	122959	35.47	ng/ul	0.03
57) Fluorene-d10	15.46	176	397631	24.93	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	50936	17.36	ng/ul	0.01
70) Anthracene-d10	17.32	188	622152	25.60	ng/ul	0.03
76) Pyrene-d10	19.60	212	786567	27.23	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.53	264	644680	23.78	ng/ul	0.04
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.83	107	35291	4.42	ng/ul	91
44) Dimethylphthalate	13.92	163	146285	8.08	ng/ul#	74
49) Acenaphthene	14.53	153	453360	29.53	ng/ul	97
69) Phenanthrene	17.26	178	432028	15.15	ng/ul#	77
71) Anthracene	17.35	178	495900	17.07	ng/ul#	88
74) Fluoranthene	19.27	202	3014765	93.94	ng/ul	99
77) Pyrene	19.64	202	2970635	81.01	ng/ul	97
80) Benzo(a)anthracene	21.37	228	850501	22.68	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.29	149	180115	8.25	ng/ul#	92
82) Chrysene	21.42	228	1090392	30.57	ng/ul#	93
85) Benzo(b)fluoranthene	22.99	252	974823	28.47	ng/ul#	78
86) Benzo(k)fluoranthene	23.03	252	244675m	7.55	ng/ul	
88) Benzo(a)pyrene	23.58	252	750725	22.60	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.01	276	468286	11.87	ng/ul	96
90) Dibenzo(a,h)anthracene	26.00	278	108601	3.30	ng/ul#	54
91) Benzo(g,h,i)perylene	26.73	276	483688	14.58	ng/ul#	92

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

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