Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005639.D
Acq On : 24 May 2016 10:46
Operator : UM/SJ
Sample : H3086-18DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL2DL

Manual Integrations APPROVED
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Quant Time: May 24 14:34:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	134564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	594264	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.45	164	330665	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	708982	20.00	ng/ul	0.01
75) Chrysene-d12	21.38	240	652768	20.00	ng/ul	0.02
83) Perylene-d12	23.67	264	664352	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	1790	0.58	ng/uL	0.00
5) Phenol-d5	7.00	99	46169	4.19	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.14	67	27675	4.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	38577	4.19	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	38906	4.30	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	19300	4.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	17820	3.56	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	39170	4.16	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	47442	5.03	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	121170	4.49	ng/ul	0.01
46) Acenaphthylene-d8	14.14	160	158857	4.71	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	12807	2.51	ng/ul	0.04
57) Fluorene-d10	15.44	176	111541	4.75	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	362	0.09	ng/ul	0.03
70) Anthracene-d10	17.30	188	171177	5.07	ng/ul	0.02
76) Pyrene-d10	19.59	212	169380	5.73	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	150104	4.84	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.66	128	73503	2.46	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	22912	1.05	ng/ul	98
44) Dimethylphthalate	13.90	163	33779	1.27	ng/ul	99
47) Acenaphthylene	14.17	152	143318	4.18	ng/ul	97
49) Acenaphthene	14.52	153	31611	1.40	ng/ul	96
53) Dibenzofuran	14.85	168	41165	1.28	ng/ul	98
58) Fluorene	15.50	166	94792	3.67	ng/ul	98
69) Phenanthrene	17.24	178	929353	23.45	ng/ul	98
71) Anthracene	17.33	178	222235	5.50	ng/ul	100
74) Fluoranthene	19.26	202	1130455	25.35	ng/ul	98
77) Pyrene	19.62	202	1209765	32.24	ng/ul	100
80) Benzo(a)anthracene	21.36	228	354675	9.24	ng/ul	93
82) Chrysene	21.41	228	360958	9.89	ng/ul	96
85) Benzo(b)fluoranthene	22.99	252	350325	8.94	ng/ul#	90
86) Benzo(k)fluoranthene	23.02	252	96428m	2.60	ng/ul	
88) Benzo(a)pyrene	23.57	252	341132	8.97	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.00	276	186483	4.13	ng/ul	96
90) Dibenzo(a,h)anthracene	26.00	278	44363	1.18	ng/ul#	58
91) Benzo(g,h,i)perylene	26.71	276	184562	4.86	ng/ul	95

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

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