Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005638.D
Acq On : 24 May 2016 10:10
Operator : UM/SJ
Sample : H3086-03DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 24 14:29:41 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

Instrument : BNA_M
ClientSampleId : JHGF4DL

Manual Integrations APPROVED
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5/24/2016 7:42:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	144045	20.00	ng/ul	0.01
18) Naphthalene-d8	10.61	136	629115	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.46	164	344726	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.20	188	724894	20.00	ng/ul	0.01
75) Chrysene-d12	21.39	240	634430	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	643798	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	2562	0.78	ng/uL	0.00
5) Phenol-d5	7.00	99	49841	4.22	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	30176	4.41	ng/ul	0.01
9) 2-Chlorophenol-d4	7.35	132	42928	4.36	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	39389	4.07	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	20813	4.33	ng/ul	0.01
22) 2-Nitrophenol-d4	9.69	143	19321	3.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	41715	4.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	35902	3.59	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	123792	4.40	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	163832	4.66	ng/ul	0.02
51) 4-Nitrophenol-d4	14.69	143	14670	2.76	ng/ul	0.04
57) Fluorene-d10	15.44	176	115847	4.73	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	172442	4.99	ng/ul	0.02
76) Pyrene-d10	19.59	212	167072	5.82	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	143985	4.79	ng/ul	0.04
Target Compounds						Qvalue
47) Acenaphthylene	14.18	152	356218	9.97	ng/ul	99
69) Phenanthrene	17.24	178	113770	2.81	ng/ul	98
71) Anthracene	17.33	178	207185	5.02	ng/ul	99
74) Fluoranthene	19.26	202	610211	13.38	ng/ul	97
77) Pyrene	19.62	202	754775	20.70	ng/ul	99
80) Benzo(a)anthracene	21.37	228	423495	11.36	ng/ul#	90
82) Chrysene	21.42	228	446694m	12.59	ng/ul	
85) Benzo(b)fluoranthene	22.99	252	658529	17.34	ng/ul#	92
86) Benzo(k)fluoranthene	23.03	252	274089m	7.63	ng/ul	
88) Benzo(a)pyrene	23.58	252	567860	15.42	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.01	276	400280	9.15	ng/ul	99
90) Dibenzo(a,h)anthracene	26.01	278	100700	2.76	ng/ul#	71
91) Benzo(g,h,i)perylene	26.73	276	298379	8.11	ng/ul	94

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

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