Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052516\
Data File : BM005647.D
Acq On : 25 May 2016 21:14
Operator : UM/SJ
Sample : H3086-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4

Manual Integrations APPROVED
sohil
5/26/2016 2:23:26 AM

Quant Time: May 26 00:40:54 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 25 19:26:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	104277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	526245	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	316221	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	688051	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	503942	20.00	ng/ul	0.02
83) Perylene-d12	23.66	264	454805	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	7251	3.05	ng/uL	0.00
5) Phenol-d5	6.97	99	217234	25.42	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	119274	24.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	176419	24.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	181062	25.85	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	91899	22.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	105916	23.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	194050	23.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	169218	20.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	600452	23.26	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	774127	23.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	87222	17.86	ng/ul	0.01
57) Fluorene-d10	15.42	176	536456	23.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	62011	15.67	ng/ul	0.00
70) Anthracene-d10	17.27	188	814247	24.84	ng/ul	0.00
76) Pyrene-d10	19.57	212	789160	34.58	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.51	264	526626	24.80	ng/ul	0.04
Target Compounds						Qvalue
16) 4-Methylphenol	8.57	108	8476	1.17	ng/ul	96
44) Dimethylphthalate	13.88	163	107280	4.21	ng/ul	100
47) Acenaphthylene	14.15	152	1189565	36.28	ng/ul	99
49) Acenaphthene	14.49	153	29094	1.35	ng/ul	96
58) Fluorene	15.47	166	56065	2.27	ng/ul	97
69) Phenanthrene	17.22	178	554296	14.41	ng/ul	99
71) Anthracene	17.31	178	587870	15.00	ng/ul	100
72) Carbazole	17.58	167	45596	1.34	ng/ul#	88
74) Fluoranthene	19.24	202	2620155	60.53	ng/ul	98
77) Pyrene	19.61	202	3099864	107.00	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	31203	3.42	ng/ul#	91
80) Benzo(a)anthracene	21.35	228	1757710	59.34	ng/ul#	90
82) Chrysene	21.40	228	1787513	63.43	ng/ul	95
85) Benzo(b)fluoranthene	22.98	252	2429696	90.57	ng/ul#	96
86) Benzo(k)fluoranthene	23.01	252	877695m	34.56	ng/ul	
88) Benzo(a)pyrene	23.57	252	1890989	72.67	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.99	276	1328887	42.99	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	340262	13.22	ng/ul#	87
91) Benzo(g,h,i)perylene	26.71	276	1027694	39.55	ng/ul	97

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

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