Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005631.D
Acq On : 24 May 2016 04:54
Operator : UM/SJ
Sample : H3086-03RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4RE

Manual Integrations APPROVED
umangi
5/24/2016 7:41:59 PM

Quant Time: May 24 07:58:12 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	7.80	152	254636	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1038019	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	508351	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	998969	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	830903	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	920746	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	17308	2.98	ng/uL	0.00
5) Phenol-d5	6.99	99	381392	18.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	226500	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	323704	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	292837	17.12	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	154724	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	165833	18.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	292546	17.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	254378	15.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	786955	18.96	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1021910	19.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	107086	13.64	ng/ul	0.01
57) Fluorene-d10	15.44	176	675035	18.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	27102	4.72	ng/ul	0.01
70) Anthracene-d10	17.29	188	968835	20.36	ng/ul	0.00
76) Pyrene-d10	19.58	212	937123	24.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	855996	19.91	ng/ul	0.02
Target Compounds						Qvalue
44) Dimethylphthalate	13.90	163	140714	3.43	ng/ul	100
47) Acenaphthylene	14.17	152	1886416	35.79	ng/ul	99
49) Acenaphthene	14.51	153	52711	1.52	ng/ul#	92
58) Fluorene	15.49	166	84003	2.12	ng/ul#	99
69) Phenanthrene	17.23	178	662886	11.87	ng/ul	99
71) Anthracene	17.32	178	1057979	18.59	ng/ul	99
72) Carbazole	17.59	167	57554	1.17	ng/ul#	91
74) Fluoranthene	19.25	202	3211620	51.11	ng/ul	98
77) Pyrene	19.62	202	3847872	80.56	ng/ul	100
80) Benzo(a)anthracene	21.36	228	2358568	48.29	ng/ul#	88
82) Chrysene	21.41	228	2365460	50.91	ng/ul	95
85) Benzo(b)fluoranthene	22.99	252	3805077	70.07	ng/ul#	95
86) Benzo(k)fluoranthene	23.01	252	1281624m	24.93	ng/ul	
88) Benzo(a)pyrene	23.57	252	3049667	57.89	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	26.00	276	2354412	37.63	ng/ul	99
90) Dibenzo(a,h)anthracene	26.00	278	602126	11.55	ng/ul#	88
91) Benzo(g,h,i)perylene	26.72	276	1846792	35.11	ng/ul	97

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

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