Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006631.D
Acq On : 22 Jul 2016 19:14
Operator : UM/SJ
Sample : H4076-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YP7MS

Manual Integrations APPROVED
sohil
7/25/2016 6:38:58 PM

Quant Time: Jul 23 00:59:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	182973	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	815732	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	450121	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	996256	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1025116	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1054222	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	9998	2.21	ng/uL	0.00
3) Phenol-d5	6.80	99	434846	27.93	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	274277	28.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	341975	27.49	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	344867	28.57	ng/ul	0.00
8) Nitrobenzene-d5	8.78	128	170328	27.58	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	182932	27.86	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	329837	26.58	ng/ul	0.00
12) 4-Chloroaniline-d4	10.55	131	270994	19.83	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	955808	27.08	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1261566	28.01	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	157689	25.73	ng/ul	0.00
21) Fluorene-d10	15.27	176	863542	27.36	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	75174	14.54	ng/ul	0.00
26) Anthracene-d10	17.12	188	1298149	27.44	ng/ul	0.00
30) Pyrene-d10	19.43	212	1396794	29.90	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1353522	27.91	ng/ul	0.01
Target Compounds						Qvalue
13) 2-Methylnaphthalene	12.07	142	34041	1.10	ng/ul	95
18) Acenaphthylene	13.99	152	59918	1.24	ng/ul	95
19) Acenaphthene	14.33	153	844157	27.23	ng/ul	94
25) Phenanthrene	17.06	178	193231	3.45	ng/ul	99
27) Anthracene	17.16	178	70277	1.22	ng/ul	95
28) Fluoranthene	19.09	202	397790	6.04	ng/ul	99
31) Pyrene	19.46	202	2104239	33.90	ng/ul	97
32) Benzo(a)anthracene	21.21	228	234778	3.78	ng/ul#	92
33) Chrysene	21.26	228	277323	4.84	ng/ul	94
35) Benzo(b)fluoranthene	22.77	252	478803	7.58	ng/ul	99
36) Benzo(k)fluoranthene	22.81	252	108366m	1.77	ng/ul	
38) Benzo(a)pyrene	23.33	252	286959	4.67	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.64	276	258391	3.63	ng/ul	96
40) Dibenzo(a,h)anthracene	25.64	278	73706	1.25	ng/ul#	75
41) Benzo(g,h,i)perylene	26.32	276	250401	4.10	ng/ul#	94

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

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