Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006059.D
Acq On : 27 Jun 2016 02:59
Operator : UM/SJ
Sample : H3670-22 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YA4

Manual Integrations APPROVED
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6/27/2016 8:06:25 PM

Quant Time: Jun 27 06:23:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	293988	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1424659	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	853109	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1975207	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1369975	20.00	ng/ul	0.01
34) Perylene-d12	23.48	264	1361504	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	5773	0.88	ng/uL	0.00
3) Phenol-d5	6.83	99	281089	9.09	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	178731	10.39	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	224769	10.44	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	186590	7.15	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	115913	10.69	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	124080	10.28	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	240008	10.37	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	185949	7.40	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	757610	10.37	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	993389	11.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	91933	5.90	ng/ul	0.01
21) Fluorene-d10	15.30	176	701533	11.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	23921	2.18	ng/ul	0.02
26) Anthracene-d10	17.16	188	1060152	11.69	ng/ul	0.01
30) Pyrene-d10	19.46	212	1011193	16.85	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.34	264	718126	11.68	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	306430	4.31	ng/ul	100
13) 2-Methylnaphthalene	12.11	142	120476	2.10	ng/ul	100
14) 1-Methylnaphthalene	12.33	142	109275	1.99	ng/ul	98
18) Acenaphthylene	14.03	152	275215	3.08	ng/ul	98
19) Acenaphthene	14.37	153	668430	11.78	ng/ul	100
22) Fluorene	15.36	166	751028	10.99	ng/ul	98
25) Phenanthrene	17.12	178	10210335	96.10	ng/ul	98
27) Anthracene	17.20	178	2849630	25.98	ng/ul	100
28) Fluoranthene	19.14	202	12758850	93.76	ng/ul	99
31) Pyrene	19.50	202	11127527	141.88	ng/ul	97
32) Benzo(a)anthracene	21.24	228	4593637	56.45	ng/ul	97
33) Chrysene	21.30	228	4452070	59.88	ng/ul	97
35) Benzo(b)fluoranthene	22.82	252	5182539	65.51	ng/ul	98
36) Benzo(k)fluoranthene	22.86	252	1902616m	25.86	ng/ul	
38) Benzo(a)pyrene	23.39	252	3790439	49.97	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.71	276	3147179	34.81	ng/ul	97
40) Dibenzo(a,h)anthracene	25.71	278	659164m	8.77	ng/ul	
41) Benzo(g,h,i)perylene	26.40	276	3329598	42.58	ng/ul	99

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

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