Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006052.D
Acq On : 26 Jun 2016 22:47
Operator : UM/SJ
Sample : H3670-16MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y98MSD

Manual Integrations APPROVED
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6/27/2016 8:06:09 PM

Quant Time: Jun 27 06:07:51 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	307182	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1470975	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	864957	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1943836	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1767444	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1506553	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	11842	1.72	ng/uL	0.00
3) Phenol-d5	6.83	99	599782	18.56	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	374166	20.81	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	461614	20.51	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	411941	15.10	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	249059	22.24	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	275764	22.13	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	504659	21.11	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	310184	11.96	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1566228	21.15	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	2005880	23.36	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	222044	14.06	ng/ul	0.01
21) Fluorene-d10	15.30	176	1386976	21.94	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	176823	16.39	ng/ul	0.00
26) Anthracene-d10	17.16	188	2110183	23.63	ng/ul	0.00
30) Pyrene-d10	19.46	212	2257507	29.16	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.33	264	1629651	23.96	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.49	128	211333	2.88	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	238460	4.03	ng/ul	99
14) 1-Methylnaphthalene	12.33	142	205042	3.62	ng/ul	96
19) Acenaphthene	14.37	153	1351659	23.50	ng/ul	99
25) Phenanthrene	17.10	178	880106	8.42	ng/ul	100
27) Anthracene	17.19	178	143590	1.33	ng/ul	97
28) Fluoranthene	19.12	202	1230848	9.19	ng/ul	98
31) Pyrene	19.49	202	3650040	36.07	ng/ul	98
32) Benzo(a)anthracene	21.23	228	667473m	6.36	ng/ul	
33) Chrysene	21.29	228	687255	7.17	ng/ul#	96
35) Benzo(b)fluoranthene	22.81	252	831640	9.50	ng/ul#	94
36) Benzo(k)fluoranthene	22.84	252	194586m	2.39	ng/ul	
38) Benzo(a)pyrene	23.37	252	483555	5.76	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.69	276	340845	3.41	ng/ul	97
40) Dibenzo(a,h)anthracene	25.69	278	96175	1.16	ng/ul#	82
41) Benzo(g,h,i)perylene	26.36	276	324319	3.75	ng/ul	96

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

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