Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006817.D
Acq On : 01 Aug 2016 09:15
Operator : UM/SJ
Sample : H4189-22
Misc :
ALS Vial : 84 Sample Multiplier: 1

Quant Time: Aug 01 13:36:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9ZQ9

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	260298	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1109877	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	599775	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1315648	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1337311	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1467056	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	9308	1.45	ng/uL	0.00
3) Phenol-d5	6.79	99	395810	17.87	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	262815	19.16	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	326720	18.46	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	261089	15.20	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	165836	19.74	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	182528	20.43	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	307816	18.23	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	272128	14.64	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	911848	19.39	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1195774	19.92	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	129612	15.87	ng/ul	0.02
21) Fluorene-d10	15.26	176	811527	19.30	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	87150	12.76	ng/ul	0.01
26) Anthracene-d10	17.12	188	1216557	19.47	ng/ul	0.00
30) Pyrene-d10	19.42	212	1297531	21.29	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1310654	19.42	ng/ul	0.01
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	690399	9.33	ng/ul	99
27) Anthracene	17.15	178	161367	2.12	ng/ul	99
28) Fluoranthene	19.09	202	1539400	17.71	ng/ul	97
31) Pyrene	19.45	202	1300127	16.06	ng/ul	96
32) Benzo(a)anthracene	21.20	228	773897	9.55	ng/ul	98
33) Chrysene	21.26	228	788121	10.55	ng/ul	98
35) Benzo(b)fluoranthene	22.77	252	1150098	13.08	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	352434m	4.14	ng/ul	
38) Benzo(a)pyrene	23.33	252	723923	8.46	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.64	276	526611	5.31	ng/ul	98
40) Dibenzo(a,h)anthracene	25.64	278	147916	1.80	ng/ul#	82
41) Benzo(g,h,i)perylene	26.31	276	486271	5.72	ng/ul	97

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

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