Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM063016\
Data File : BM006156.D
Acq On : 30 Jun 2016 12:34
Operator : UM/SJ
Sample : H3779-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YE8

Manual Integrations APPROVED
sohil
7/1/2016 7:15:10 PM

Quant Time: Jun 30 15:36:00 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	263499	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1165451	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	659846	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1442922	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1042600	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1080510	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5447	0.96	ng/uL	0.00
3) Phenol-d5	6.83	99	296249	13.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	183627	14.47	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	228517	13.83	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	191949	11.08	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	118019	15.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	129366	14.40	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	233278	14.23	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	183480	14.16	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	720365	15.23	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	926228	16.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	112627	12.55	ng/ul	0.00
21) Fluorene-d10	15.30	176	642608	15.92	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	77667	15.20	ng/ul	0.00
26) Anthracene-d10	17.15	188	947844	16.37	ng/ul	0.00
30) Pyrene-d10	19.45	212	886218	21.11	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	688167	16.00	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	295031	4.32	ng/ul	100
28) Fluoranthene	19.12	202	720592	8.62	ng/ul	100
31) Pyrene	19.48	202	520123	9.46	ng/ul	97
32) Benzo(a)anthracene	21.23	228	275557	5.08	ng/ul	97
33) Chrysene	21.29	228	272390	5.46	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	376246	6.71	ng/ul	96
36) Benzo(k)fluoranthene	22.84	252	118806m	2.26	ng/ul	
38) Benzo(a)pyrene	23.37	252	234073	4.42	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.69	276	184446	3.35	ng/ul	96
40) Dibenzo(a,h)anthracene	25.69	278	53775	1.18	ng/ul#	88
41) Benzo(g,h,i)perylene	26.37	276	157078	3.41	ng/ul	99

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

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