Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005867.D
Acq On : 17 Jun 2016 18:39
Operator : UM/SJ
Sample : H3536-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y31

Manual Integrations APPROVED
umangi
6/19/2016 12:14:46 AM

Quant Time: Jun 17 19:18:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	24910	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	102611	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.38	164	61411	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	137996	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	115448	20.00	ng/ul	0.01
34) Perylene-d12	23.58	264	113806	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	521	2.71	ng/uL	0.00
3) Phenol-d5	6.93	99	34832	16.70	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.07	67	18461	17.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	33626	19.33	ng/ul	0.01
6) 4-Methylphenol-d8	8.46	113	27379	14.69	ng/ul	0.01
8) Nitrobenzene-d5	8.90	128	15288	21.11	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	18765	21.20	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	35075	20.07	ng/ul	0.01
12) 4-Chloroaniline-d4	10.69	131	774	0.65	ng/ul	0.02
16) Dimethylphthalate-d6	13.79	166	114992	19.79	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	138695	20.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	9923	14.17	ng/ul	0.03
21) Fluorene-d10	15.37	176	101386	20.48	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	4974	5.34	ng/ul	0.02
26) Anthracene-d10	17.23	188	153314	21.28	ng/ul	0.00
30) Pyrene-d10	19.52	212	150703	27.54	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	120202	21.13	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	15053m	1.83	ng/ul	
28) Fluoranthene	19.19	202	37570	3.64	ng/ul	99
31) Pyrene	19.55	202	35048	5.14	ng/ul	99
32) Benzo(a)anthracene	21.30	228	19728	2.74	ng/ul#	91
33) Chrysene	21.35	228	22346	3.22	ng/ul#	86
35) Benzo(b)fluoranthene	22.90	252	34150	4.82	ng/ul#	77
36) Benzo(k)fluoranthene	22.93	252	9102m	1.33	ng/ul	
38) Benzo(a)pyrene	23.48	252	20513	2.95	ng/ul#	68
39) Indeno(1,2,3-cd)pyrene	25.89	276	17813	2.10	ng/ul#	78
41) Benzo(g,h,i)perylene	26.60	276	20289m	2.80	ng/ul	

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

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