Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005865.D
Acq On : 17 Jun 2016 17:27
Operator : UM/SJ
Sample : H3535-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XW8

Manual Integrations APPROVED
umangi
6/19/2016 12:14:41 AM

Quant Time: Jun 17 18:17:51 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	25178	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	106211	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	63307	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	144836	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	135500	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	124777	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	258	1.33	ng/uL	0.00
3) Phenol-d5	6.92	99	23943	11.36	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.06	67	12905	11.81	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	22564	12.84	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	17296	9.18	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	10424	13.91	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	12810	13.98	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	24244	13.40	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	1548	1.26	ng/ul	0.02
16) Dimethylphthalate-d6	13.79	166	83865	14.00	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	100614	14.58	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	6705	9.29	ng/ul	0.02
21) Fluorene-d10	15.37	176	73512	14.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	3994	4.09	ng/ul	0.01
26) Anthracene-d10	17.22	188	112383	14.86	ng/ul	0.00
30) Pyrene-d10	19.52	212	120920	18.83	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	93962	15.06	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.57	128	7625	1.34	ng/ul	99
13) 2-Methylnaphthalene	12.19	142	8197	1.89	ng/ul	98
14) 1-Methylnaphthalene	12.41	142	6343	1.40	ng/ul#	99
25) Phenanthrene	17.16	178	28285	3.28	ng/ul	97
28) Fluoranthene	19.19	202	75821	7.00	ng/ul	97
31) Pyrene	19.55	202	68138	8.51	ng/ul	97
32) Benzo(a)anthracene	21.30	228	38527	4.55	ng/ul#	91
33) Chrysene	21.34	228	41361	5.07	ng/ul#	92
35) Benzo(b)fluoranthene	22.89	252	57114	7.35	ng/ul#	89
36) Benzo(k)fluoranthene	22.93	252	18031m	2.40	ng/ul	
38) Benzo(a)pyrene	23.47	252	31481	4.13	ng/ul#	86
39) Indeno(1,2,3-cd)pyrene	25.86	276	27578	2.96	ng/ul	98
41) Benzo(g,h,i)perylene	26.57	276	29175	3.68	ng/ul#	93

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

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