Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
Data File : BM006984.D
Acq On : 08 Aug 2016 08:48
Operator : UM/SJ
Sample : H4302-06 2X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0H0

Manual Integrations APPROVED
sohil
8/8/2016 7:09:13 PM

Quant Time: Aug 08 16:38:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 15:12:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	205193	20.00	ng/ul	0.00
7) Naphthalene-d8	10.33	136	942633	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.21	164	561759	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1279228	20.00	ng/ul	0.00
29) Chrysene-d12	21.19	240	1185863	20.00	ng/ul	0.00
34) Perylene-d12	23.37	264	1100326	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.09	96	3334	0.74	ng/uL	0.00
3) Phenol-d5	6.77	99	152094	7.82	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.90	67	105726	8.67	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	126921	9.14	ng/ul	0.00
6) 4-Methylphenol-d8	8.30	113	112180	6.91	ng/ul	0.01
8) Nitrobenzene-d5	8.72	128	65628	9.37	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	71436	8.52	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.99	165	135354	8.52	ng/ul	0.01
12) 4-Chloroaniline-d4	10.50	131	117568	6.19	ng/ul	0.01
16) Dimethylphthalate-d6	13.63	166	465308	9.41	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	577816	10.11	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	47308m	6.60	ng/ul	0.04
21) Fluorene-d10	15.21	176	420483	10.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.39	200	16703	3.16	ng/ul	0.02
26) Anthracene-d10	17.07	188	644811	10.43	ng/ul	0.00
30) Pyrene-d10	19.38	212	684126	12.10	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.24	264	539799	10.30	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.37	128	226320	4.68	ng/ul	98
13) 2-Methylnaphthalene	12.00	142	43354	1.12	ng/ul	90
19) Acenaphthene	14.27	153	285637	7.30	ng/ul	99
22) Fluorene	15.27	166	165192	3.34	ng/ul	96
25) Phenanthrene	17.02	178	4312920	60.28	ng/ul	99
27) Anthracene	17.10	178	759731	10.14	ng/ul	99
28) Fluoranthene	19.04	202	7824724	89.88	ng/ul#	97
31) Pyrene	19.41	202	6139218	83.30	ng/ul	96
32) Benzo(a)anthracene	21.17	228	3201013	45.50	ng/ul	97
33) Chrysene	21.22	228	2775373	44.81	ng/ul	97
35) Benzo(b)fluoranthene	22.73	252	4432723	61.73	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	1527456m	22.03	ng/ul	
38) Benzo(a)pyrene	23.29	252	2975722	45.70	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.57	276	2442107	36.97	ng/ul	97
40) Dibenzo(a,h)anthracene	25.57	278	610521	10.98	ng/ul#	87
41) Benzo(g,h,i)perylene	26.24	276	2335270	44.89	ng/ul	97

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

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