Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006600.D
Acq On : 21 Jul 2016 22:50
Operator : UM/SJ
Sample : H4077-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YT3

Manual Integrations APPROVED
umangi
7/22/2016 6:24:33 PM

Quant Time: Jul 22 03:45:00 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142697	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	658384	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	389785	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	888596	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1025945	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1071700	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	4325	1.23	ng/uL	0.00
3) Phenol-d5	6.79	99	161163	13.28	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	110681	14.72	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	133926	13.81	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	115428	12.26	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	65772	13.20	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	70568	13.32	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	128988	12.88	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	165261	14.98	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	430220	14.08	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	530502	13.60	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	43551m	8.20	ng/ul	0.00
21) Fluorene-d10	15.26	176	384726	14.08	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	38287	8.30	ng/ul	0.00
26) Anthracene-d10	17.11	188	587368	13.92	ng/ul	0.00
30) Pyrene-d10	19.42	212	693153	14.83	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	719043	14.59	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	525010	10.51	ng/ul	99
27) Anthracene	17.14	178	66714	1.30	ng/ul	99
28) Fluoranthene	19.08	202	896229	15.27	ng/ul	97
31) Pyrene	19.44	202	728737	11.73	ng/ul#	97
32) Benzo(a)anthracene	21.20	228	332113	5.34	ng/ul	97
33) Chrysene	21.24	228	382649	6.67	ng/ul	98
35) Benzo(b)fluoranthene	22.75	252	560863	8.73	ng/ul	100
36) Benzo(k)fluoranthene	22.79	252	134863m	2.17	ng/ul	
38) Benzo(a)pyrene	23.31	252	328034	5.25	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	234010	3.23	ng/ul	99
40) Dibenzo(a,h)anthracene	25.61	278	63156m	1.05	ng/ul	
41) Benzo(g,h,i)perylene	26.27	276	183830	2.96	ng/ul	96

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

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