Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006972.D
Acq On : 07 Aug 2016 12:17
Operator : UM/SJ
Sample : H4301-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0E6

Manual Integrations APPROVED
sohil
8/8/2016 7:06:17 PM

Quant Time: Aug 08 05:08:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	229562	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1113044	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	689052	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1593263	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1360875	20.00	ng/ul	0.00
34) Perylene-d12	23.35	264	1121530	20.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.09	96	5851	1.16	ng/uL	0.00
3) Phenol-d5	6.76	99	327369	15.04	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	226522	16.60	ng/ul	0.00
5) 2-Chlorophenol-d4	7.09	132	264037	16.99	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	241645	13.30	ng/ul	0.00
8) Nitrobenzene-d5	8.71	128	142532	17.24	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	156769	15.83	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	313524	16.70	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	272186	12.15	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1048035	17.28	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1272248	18.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	104880	11.92	ng/ul	0.02
21) Fluorene-d10	15.20	176	934943	18.14	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	119286	18.13	ng/ul	0.00
26) Anthracene-d10	17.06	188	1419763	18.44	ng/ul	0.00
30) Pyrene-d10	19.37	212	1527325	23.54	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	997110	18.67	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.00	178	242362	2.72	ng/ul	98
28) Fluoranthene	19.03	202	667683	6.16	ng/ul	97
31) Pyrene	19.40	202	590421	6.98	ng/ul	98
32) Benzo(a)anthracene	21.16	228	359541	4.45	ng/ul	97
33) Chrysene	21.21	228	327425	4.61	ng/ul	98
35) Benzo(b)fluoranthene	22.71	252	428182	5.85	ng/ul#	98
36) Benzo(k)fluoranthene	22.74	252	156688m	2.22	ng/ul	
38) Benzo(a)pyrene	23.26	252	288320	4.34	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.53	276	219398	3.26	ng/ul	96
40) Dibenzo(a,h)anthracene	25.53	278	68154	1.20	ng/ul#	81
41) Benzo(g,h,i)perylene	26.20	276	225450	4.25	ng/ul	98

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

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