Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
Data File : BM006982.D
Acq On : 08 Aug 2016 07:36
Operator : UM/SJ
Sample : H4301-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0F2

Manual Integrations APPROVED
sohil
8/8/2016 7:09:05 PM

Quant Time: Aug 08 16:34:08 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	308050	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1336784	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.21	164	782354	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1796427	20.00	ng/ul	0.00
29) Chrysene-d12	21.18	240	1626830	20.00	ng/ul	0.00
34) Perylene-d12	23.37	264	1527166	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.08	96	6535	0.97	ng/uL	0.00
3) Phenol-d5	6.77	99	457080	15.65	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	320862	17.52	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	377203	18.09	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	337990	13.86	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	195586	19.70	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	220239	18.52	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	399374	17.72	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	294662	10.95	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1253143	18.20	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1562786	19.63	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	138817	13.90	ng/ul	0.01
21) Fluorene-d10	15.21	176	1100362	18.80	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.38	200	90510	12.20	ng/ul	0.00
26) Anthracene-d10	17.07	188	1689611	19.47	ng/ul	0.00
30) Pyrene-d10	19.37	212	1778233	22.93	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.23	264	1381855	19.00	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.01	178	222855	2.22	ng/ul	98
28) Fluoranthene	19.04	202	652770	5.34	ng/ul	97
31) Pyrene	19.40	202	601405m	5.95	ng/ul	
32) Benzo(a)anthracene	21.17	228	427125	4.43	ng/ul	95
33) Chrysene	21.22	228	430940m	5.07	ng/ul	
35) Benzo(b)fluoranthene	22.72	252	628991	6.31	ng/ul#	97
36) Benzo(k)fluoranthene	22.76	252	216417m	2.25	ng/ul	
38) Benzo(a)pyrene	23.28	252	422180	4.67	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.56	276	322569	3.52	ng/ul	98
40) Dibenzo(a,h)anthracene	25.55	278	101332	1.31	ng/ul#	62
41) Benzo(g,h,i)perylene	26.23	276	341459	4.73	ng/ul	93

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

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