Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070116\
Data File : BM006180.D
Acq On : 01 Jul 2016 13:38
Operator : UM/SJ
Sample : H3777-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YC4

Manual Integrations APPROVED
sohil
7/1/2016 7:16:56 PM

Quant Time: Jul 01 17:54:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	423741	20.00	ng/ul	0.01
7) Naphthalene-d8	10.45	136	1901073	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	1063955	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	2301041	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1780298	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1782789	20.00	ng/ul	0.04
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	9488	1.04	ng/uL	0.00
3) Phenol-d5	6.85	99	512223	14.80	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.00	67	326753	16.01	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	413773	15.57	ng/ul	0.01
6) 4-Methylphenol-d8	8.37	113	380273	13.65	ng/ul	0.01
8) Nitrobenzene-d5	8.82	128	219752	17.16	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	248820	16.98	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	433412	16.21	ng/ul	0.02
12) 4-Chloroaniline-d4	10.59	131	284537	13.46	ng/ul	0.01
16) Dimethylphthalate-d6	13.73	166	1305906	17.12	ng/ul	0.01
17) Acenaphthylene-d8	14.00	160	1672432	18.07	ng/ul	0.01
20) 4-Nitrophenol-d4	14.54	143	156931	10.84	ng/ul	0.03
21) Fluorene-d10	15.32	176	1153149	17.72	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.45	200	145858	17.90	ng/ul	0.02
26) Anthracene-d10	17.17	188	1736889	18.82	ng/ul	0.02
30) Pyrene-d10	19.47	212	1689010	23.56	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1337392	18.85	ng/ul	0.04
Target Compounds						Qvalue
25) Phenanthrene	17.11	178	161114	1.48	ng/ul	98
28) Fluoranthene	19.13	202	372359	2.79	ng/ul	98
31) Pyrene	19.50	202	311310	3.32	ng/ul	96
32) Benzo(a)anthracene	21.25	228	162221	1.75	ng/ul#	91
33) Chrysene	21.30	228	192650	2.26	ng/ul#	93
35) Benzo(b)fluoranthene	22.83	252	274760	2.97	ng/ul#	91
36) Benzo(k)fluoranthene	22.87	252	86989m	1.00	ng/ul	
38) Benzo(a)pyrene	23.40	252	175711	2.01	ng/ul#	89
39) Indeno(1,2,3-cd)pyrene	25.73	276	149228	1.64	ng/ul	94
41) Benzo(g,h,i)perylene	26.43	276	209793	2.76	ng/ul	97

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

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