Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006136.D
Acq On : 29 Jun 2016 21:39
Operator : UM/SJ
Sample : H3779-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YD6

Manual Integrations
APPROVED
sohil
6/30/2016 7:44:14 PM

Quant Time: Jun 30 03:57:37 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	7.65	152	265899	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1297933	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	770119	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1691334	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1322474	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1256252	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	6320m	1.10	ng/uL	0.00
3) Phenol-d5	6.82	99	338107	15.56	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	210535	16.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	257560	15.45	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	289493	16.56	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	135701	15.52	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	151184	15.11	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	276728	15.16	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	292830	20.29	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	869941	15.76	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1093367	16.32	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	132009	12.60	ng/ul	0.00
21) Fluorene-d10	15.30	176	756911	16.07	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	110463	18.44	ng/ul	0.00
26) Anthracene-d10	17.14	188	1117670	16.47	ng/ul	0.00
30) Pyrene-d10	19.44	212	1115416	20.95	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	807347	16.15	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	271890	3.40	ng/ul	98
28) Fluoranthene	19.11	202	848169	8.65	ng/ul	100
31) Pyrene	19.47	202	651504	9.34	ng/ul	98
32) Benzo(a)anthracene	21.23	228	321979	4.68	ng/ul	95
33) Chrysene	21.28	228	339512	5.36	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	459946	7.05	ng/ul	97
36) Benzo(k)fluoranthene	22.83	252	171834m	2.81	ng/ul	
38) Benzo(a)pyrene	23.36	252	298694	4.85	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.67	276	236394	3.69	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.67	278	67863m	1.28	ng/ul	
41) Benzo(g,h,i)perylene	26.35	276	211991	3.96	ng/ul	98

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

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