Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005765.D
Acq On : 13 Jun 2016 01:04
Operator : UM/SJ
Sample : H3536-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y26

Manual Integrations APPROVED
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6/13/2016 7:49:14 PM

Quant Time: Jun 13 04:14:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	123757	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	600165	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	325293	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	568608	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	458780	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264	476668	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	3651	1.28	ng/uL	0.00
3) Phenol-d5	6.93	99	149098	13.96	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	110813	17.27	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	143287	16.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	85264	9.45	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	75124	17.37	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	82349	16.84	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	145405	16.39	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	75353	7.04	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	500151	18.64	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	628164	19.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	33254m	8.47	ng/ul	0.00
21) Fluorene-d10	15.39	176	415883	18.31	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	13811	4.70	ng/ul	-0.01
26) Anthracene-d10	17.24	188	522265	19.50	ng/ul	0.00
30) Pyrene-d10	19.53	212	462227	20.97	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	442948	20.37	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.18	178	187601	6.03	ng/ul	99
27) Anthracene	17.27	178	38820	1.23	ng/ul	98
28) Fluoranthene	19.20	202	334694	9.16	ng/ul	98
31) Pyrene	19.56	202	278058	9.96	ng/ul	99
32) Benzo(a)anthracene	21.30	228	159973	6.04	ng/ul	97
33) Chrysene	21.36	228	166948	6.39	ng/ul	97
35) Benzo(b)fluoranthene	22.90	252	258491	9.13	ng/ul	98
36) Benzo(k)fluoranthene	22.94	252	76064m	2.66	ng/ul	
38) Benzo(a)pyrene	23.48	252	165006	6.14	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	123857	4.72	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.86	278	32525	1.48	ng/ul#	81
41) Benzo(g,h,i)perylene	26.57	276	112261	5.12	ng/ul	99

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

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