Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005868.D
Acq On : 17 Jun 2016 19:15
Operator : UM/SJ
Sample : H3536-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y25

Manual Integrations APPROVED
umangi
6/19/2016 12:14:48 AM

Quant Time: Jun 17 23:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	22305	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	96245	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.39	164	59669	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.13	188	140165	20.00	ng/ul	0.01
29) Chrysene-d12	21.32	240	140761	20.00	ng/ul	0.01
34) Perylene-d12	23.58	264	129438	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	258	1.50	ng/uL	0.00
3) Phenol-d5	6.93	99	22993	12.31	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.07	67	13686	14.14	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	23466	15.07	ng/ul	0.01
6) 4-Methylphenol-d8	8.47	113	16332	9.78	ng/ul	0.02
8) Nitrobenzene-d5	8.90	128	11410	16.80	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	12990	15.65	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.17	165	25357	15.47	ng/ul	0.02
12) 4-Chloroaniline-d4	10.68	131	8448m	7.61	ng/ul	0.01
16) Dimethylphthalate-d6	13.79	166	88416	15.66	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	108962	16.76	ng/ul	0.00
20) 4-Nitrophenol-d4	14.66	143	3482	5.12	ng/ul	0.05
21) Fluorene-d10	15.38	176	79269	16.48	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.54	200	1177	1.24	ng/ul	0.02
26) Anthracene-d10	17.23	188	125355	17.13	ng/ul	0.01
30) Pyrene-d10	19.53	212	141650	21.23	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.44	264	110806	17.12	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	104460	12.52	ng/ul	100
27) Anthracene	17.27	178	29314	3.44	ng/ul	99
28) Fluoranthene	19.19	202	227983	21.74	ng/ul	98
31) Pyrene	19.56	202	178329	21.44	ng/ul	98
32) Benzo(a)anthracene	21.30	228	112424	12.79	ng/ul	98
33) Chrysene	21.36	228	104696m	12.37	ng/ul	
35) Benzo(b)fluoranthene	22.90	252	135862	16.86	ng/ul#	95
36) Benzo(k)fluoranthene	22.93	252	45987m	5.91	ng/ul	
38) Benzo(a)pyrene	23.48	252	86586	10.95	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.87	276	63853	6.60	ng/ul	98
40) Dibenzo(a,h)anthracene	25.86	278	18551	2.33	ng/ul#	69
41) Benzo(g,h,i)perylene	26.59	276	59669	7.25	ng/ul	95

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

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