Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011660.D
Acq On : 21 Sep 2017 19:01
Operator : SJ/JU
Sample : I5283-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB3A8

Manual Integrations APPROVED
Sohil
9/22/2017 4:19:39 PM

Quant Time: Sep 22 15:02:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	320522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1481588	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	837225	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1849085	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2019905	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1683024	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1140	0.16	ng/uL	0.01
5) Phenol-d5	7.12	99	38241	1.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	106979	5.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	49620	2.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	39955	1.66	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	49427	4.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	2767	0.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	23177	0.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	383	0.01	ng/ul	-0.03
44) Dimethylphthalate-d6	13.99	166	38523	0.54	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	419486	4.90	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.58	176	348175	5.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	516948	5.68	ng/ul	0.00
79) Pyrene-d10	19.72	212	622888	6.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	469314	5.85	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthene	14.66	153	58443	1.004	ng/ul	95
59) Fluorene	15.64	166	78002	1.143	ng/ul	100
70) Phenanthrene	17.37	178	1495751	14.512	ng/ul	99
72) Anthracene	17.46	178	272934	2.581	ng/ul	98
77) Fluoranthene	19.38	202	2446286	23.076	ng/ul#	90
80) Pyrene	19.74	202	2360511	20.030	ng/ul#	89
83) Benzo(a)anthracene	21.48	228	1221277	10.981	ng/ul	98
85) Chrysene	21.53	228	1094062	10.851	ng/ul	99
88) Benzo(b)fluoranthene	23.15	252	1224319	12.092	ng/ul#	94
89) Benzo(k)fluoranthene	23.19	252	383060m	3.939	ng/ul	
91) Benzo(a)pyrene	23.76	252	776499	8.125	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.29	276	409103	3.891	ng/ul#	89
93) Dibenzo(a,h)anthracene	26.29	278	116167m	1.303	ng/ul	
94) Benzo(g,h,i)perylene	27.04	276	364156	4.277	ng/ul#	87

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

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