Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011689.D
Acq On : 22 Sep 2017 12:48
Operator : SJ/JU
Sample : I5283-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB3B7

Manual Integrations APPROVED
Sohil
9/25/2017 6:23:26 PM

Quant Time: Sep 25 11:09:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	348445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1548547	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	840396	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1677801	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1260676	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	1293505m	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	31385	4.05	ng/uL	0.00
5) Phenol-d5	7.11	99	752741	22.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	581239	25.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	625544	24.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	586038	22.44	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	319256	27.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	341914	27.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	581879	23.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	286052	10.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1865690	26.26	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2362421	27.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	123923	9.28	ng/ul	0.00
58) Fluorene-d10	15.58	176	1623414	26.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	97081	9.94	ng/ul	0.00
71) Anthracene-d10	17.43	188	2352863	28.48	ng/ul	0.00
79) Pyrene-d10	19.72	212	2189251	37.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	1695874m	27.51	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.10	77	27807	1.454	ng/ul#	30
6) Phenol	7.13	94	49068	1.477	ng/ul#	81
14) Acetophenone	8.79	105	56856	1.424	ng/ul#	81
28) Naphthalene	10.82	128	773755	9.636	ng/ul	97
34) 2-Methylnaphthalene	12.42	142	617271	10.351	ng/ul	99
35) 1-Methylnaphthalene	12.64	142	442973	7.799	ng/ul	96
41) 1,1'-Biphenyl	13.43	154	96265	1.377	ng/ul#	95
45) Dimethylphthalate	14.04	163	527787	7.759	ng/ul#	99
48) Acenaphthylene	14.32	152	231792	2.680	ng/ul#	93
50) Acenaphthene	14.66	153	681141	11.656	ng/ul	98
54) Dibenzofuran	14.99	168	307006	3.756	ng/ul	95
59) Fluorene	15.64	166	568234	8.295	ng/ul	97
70) Phenanthrene	17.38	178	11309585	120.932	ng/ul	96
72) Anthracene	17.47	178	1838549	19.159	ng/ul	98
75) Carbazole	17.73	167	340879	4.164	ng/ul#	91
77) Fluoranthene	19.39	202	10660800	110.831	ng/ul#	92
80) Pyrene	19.76	202	13548517	184.200	ng/ul#	83
83) Benzo(a)anthracene	21.49	228	5446876	78.470	ng/ul	95
85) Chrysene	21.54	228	6474431	102.886	ng/ul	96
88) Benzo(b)fluoranthene	23.17	252	7288672m	93.665	ng/ul	
89) Benzo(k)fluoranthene	23.20	252	2287689m	30.611	ng/ul	
91) Benzo(a)pyrene	23.79	252	6101629m	83.072	ng/ul	
92) Indeno(1,2,3-cd)pyrene	26.33	276	4766056m	58.988	ng/ul	

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011689.D
Acq On : 22 Sep 2017 12:48
Operator : SJ/JU
Sample : I5283-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB3B7

Manual Integrations APPROVED
Sohil
9/25/2017 6:23:26 PM

Quant Time: Sep 25 11:09:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	26.33	278	1476350m	21.549	ng/ul	
94) Benzo(g,h,i)perylene	27.09	276	5738064m	87.694	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011689.D
Acq On : 22 Sep 2017 12:48
Operator : SJ/JU
Sample : I5283-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 11:09:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3B7

Manual Integrations APPROVED
Sohil
9/25/2017 6:23:26 PM