Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
Data File : BM023416.D
Acq On : 28 Oct 2019 13:12
Operator : JU
Sample : K5395-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0007

Manual Integrations APPROVED
mohammad
10/29/2019 3:35:08 PM

Quant Time: Oct 29 12:07:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	438380	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1737466	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1032743	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2021977	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	1999106	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2406767	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	36713	3.98	ng/uL	0.00
5) Phenol-d5	6.81	99	650652	17.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	407713	18.89	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	553450	19.23	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	436505	14.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	273737	20.93	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	301664	20.79	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	543485	19.06	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	404753	12.34	ng/ul	-0.01
44) Dimethylphthalate-d6	13.69	166	1642237	20.94	ng/ul	-0.01
47) Acenaphthylene-d8	13.97	160	1946561	21.67	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	176778	13.01	ng/ul	0.00
58) Fluorene-d10	15.27	176	1429867	21.53	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	149079	11.84	ng/ul	0.00
71) Anthracene-d10	17.12	188	2147579	22.47	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2305283	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2750469	22.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.83	94	71901	1.896	ng/ul	98
45) Dimethylphthalate	13.74	163	750514	9.531	ng/ul	99
70) Phenanthrene	17.07	178	874246	7.737	ng/ul	100
72) Anthracene	17.16	178	134278	1.173	ng/ul	97
75) Carbazole	17.43	167	116551	1.208	ng/ul	98
77) Fluoranthene	19.09	202	2684311	22.775	ng/ul	98
80) Pyrene	19.45	202	2241312	15.877	ng/ul	99
83) Benzo(a)anthracene	21.20	228	1258974	9.416	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	119567	1.476	ng/ul#	90
85) Chrysene	21.26	228	1341178	10.872	ng/ul	98
87) Di-n-octyl phthalate	22.07	149	251532	1.777	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	2015295	13.038	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	713672m	4.917	ng/ul	
91) Benzo(a)pyrene	23.33	252	1361888	9.732	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.62	276	1094459	7.223	ng/ul	97
93) Dibenzo(a,h)anthracene	25.63	278	258647	2.024	ng/ul#	83
94) Benzo(g,h,i)perylene	26.30	276	1076654	8.733	ng/ul	99

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

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