Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024915.D
Acq On : 17 Feb 2020 20:29
Operator : CG/JU
Sample : L1324-14MEDL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAT69MEDL

Manual Integrations APPROVED
mohammad
2/18/2020 3:17:49 PM

Quant Time: Feb 18 01:53:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	352693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1267204	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	759852	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1546765	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1615394	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1732593	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	5587m	0.76	ng/uL	0.00
5) Phenol-d5	6.59	99	94894	4.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	61868	4.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	85180	4.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	68873	3.48	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	36071	3.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	40186	3.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	73356	3.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	48755	2.39	ng/ul	0.02
44) Dimethylphthalate-d6	13.47	166	221378	3.86	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	308489	4.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	17880m	1.92	ng/ul	0.02
58) Fluorene-d10	15.04	176	225126	4.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	19410	1.93	ng/ul	0.00
71) Anthracene-d10	16.89	188	332230	4.71	ng/ul	0.00
79) Pyrene-d10	19.20	212	393844	4.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	421599	4.84	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.75	152	365125	5.262	ng/ul	99
72) Anthracene	16.93	178	151243	1.768	ng/ul	100
77) Fluoranthene	18.86	202	1077781m	10.410	ng/ul	
80) Pyrene	19.23	202	3388614m	31.691	ng/ul	
83) Benzo(a)anthracene	20.99	228	1227686m	11.283	ng/ul	
85) Chrysene	21.04	228	957119	8.934	ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	1032844	9.375	ng/ul#	98
89) Benzo(k)fluoranthene	22.53	252	286974m	2.706	ng/ul	
91) Benzo(a)pyrene	23.02	252	896085	9.072	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	443770	3.609	ng/ul	99
93) Dibenzo(a,h)anthracene	25.15	278	134729	1.286	ng/ul#	96
94) Benzo(g,h,i)perylene	25.76	276	405879	3.969	ng/ul	99

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

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