Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
Operator : JU/CG
Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S81DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:21 AM

Quant Time: Aug 04 04:40:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	106852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	433775	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	256775	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	531832	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	515532	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	505992	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	353m	0.15	ng/uL	0.01
5) Phenol-d5	6.83	99	8921	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	6415	1.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	6780	0.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	7535	1.05	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3380	1.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	3442	1.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	6571	0.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	2209	0.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	20832	1.03	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	26454	1.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1760	0.52	ng/ul	0.00
58) Fluorene-d10	15.29	176	18059	1.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1399	0.59	ng/ul	0.00
71) Anthracene-d10	17.13	188	31350m	1.18	ng/ul	0.00
79) Pyrene-d10	19.43	212	31100	1.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	31878	1.12	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.01	152	72551	2.787	ng/ul	98
70) Phenanthrene	17.07	178	67127	2.079	ng/ul	98
72) Anthracene	17.16	178	184846	5.571	ng/ul	97
75) Carbazole	17.43	167	30060	1.025	ng/ul	96
77) Fluoranthene	19.09	202	516776	13.558	ng/ul	99
80) Pyrene	19.46	202	715466	19.075	ng/ul	97
83) Benzo(a)anthracene	21.21	228	368589m	10.373	ng/ul	
85) Chrysene	21.26	228	500981	14.458	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	1259249	34.789	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	390545m	11.244	ng/ul	
91) Benzo(a)pyrene	23.33	252	403350	12.349	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.63	276	418415	10.326	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.64	278	110691m	3.230	ng/ul	
94) Benzo(g,h,i)perylene	26.30	276	118113	3.525	ng/ul	98

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

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