Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\
Data File : BM026622.D
Acq On : 30 Jun 2020 13:41
Operator : JU/CG
Sample : L3139-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA2

Manual Integrations APPROVED
mohammad
7/1/2020 8:10:16 AM

Quant Time: Jun 30 14:16:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 30 12:25:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	80596	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	332028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	202914	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	432914	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	362215	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	352757	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	8271	3.08	ng/uL	0.00
5) Phenol-d5	6.56	99	203525	27.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	136239	27.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	152299	26.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	170669	28.91	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	77769	29.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	83953	29.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	168568	30.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	110594	19.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	538622	33.27	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	645926	33.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	68535	29.34	ng/ul	0.00
58) Fluorene-d10	15.02	176	497130	35.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	71178	26.32	ng/ul	0.00
71) Anthracene-d10	16.87	188	770526	36.14	ng/ul	0.00
79) Pyrene-d10	19.18	212	791927	42.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	713991	37.50	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.49	163	91111	5.378	ng/ul	100
48) Acenaphthylene	13.73	152	27612	1.318	ng/ul	98
70) Phenanthrene	16.82	178	178363	6.616	ng/ul	97
72) Anthracene	16.90	178	44561	1.638	ng/ul	98
77) Fluoranthene	18.84	202	509558	18.273	ng/ul	98
80) Pyrene	19.21	202	465520	18.135	ng/ul	100
83) Benzo(a)anthracene	20.97	228	258609	10.372	ng/ul	94
85) Chrysene	21.02	228	269847	10.909	ng/ul	97
88) Benzo(b)fluoranthene	22.46	252	353808	14.766	ng/ul	93
89) Benzo(k)fluoranthene	22.50	252	127873m	5.385	ng/ul	
91) Benzo(a)pyrene	22.98	252	234384	11.026	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.09	276	176590	6.366	ng/ul	96
93) Dibenzo(a,h)anthracene	25.09	278	50243	2.150	ng/ul#	75
94) Benzo(g,h,i)perylene	25.70	276	102110	4.413	ng/ul	93

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

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