Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024787.D
Acq On : 08 Feb 2020 07:16
Operator : CG/JU
Sample : L1400-07
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H3

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:23 AM

Quant Time: Feb 15 06:07:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	313429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1217820	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	806295	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1726945	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1688851	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1750372	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	21895	3.36	ng/uL	0.00
5) Phenol-d5	6.60	99	352934	16.95	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	240211	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	335241	17.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	311781	17.75	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	178122	20.23	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	208363	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	354375	16.88	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	452485	23.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1275157	20.95	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1267193	17.83	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	155004	15.67	ng/ul	0.00
58) Fluorene-d10	15.06	176	1004997	18.65	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	178886	15.89	ng/ul	0.00
71) Anthracene-d10	16.91	188	1407697	17.86	ng/ul	0.00
79) Pyrene-d10	19.22	212	1455248	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1444616	16.43	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	622559	6.612	ng/ul	99
72) Anthracene	16.95	178	136373	1.428	ng/ul	98
77) Fluoranthene	18.88	202	1357788	11.746	ng/ul	99
80) Pyrene	19.24	202	1021238	9.135	ng/ul	100
83) Benzo(a)anthracene	21.01	228	675177	5.935	ng/ul	99
85) Chrysene	21.06	228	607944	5.428	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	883207	7.935	ng/ul#	97
89) Benzo(k)fluoranthene	22.54	252	251813m	2.351	ng/ul	
91) Benzo(a)pyrene	23.03	252	469252	4.703	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	369230	2.972	ng/ul	96
94) Benzo(g,h,i)perylene	25.79	276	255914	2.477	ng/ul	99

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

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