Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024799.D
Acq On : 08 Feb 2020 15:03
Operator : CG/JU
Sample : L1400-18
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6T5

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:53 AM

Quant Time: Feb 10 01:30:33 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	301830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1195038	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	790872	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1681997	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1632261	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1688867	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	24875	3.96	ng/uL	0.00
5) Phenol-d5	6.60	99	417912	20.84	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	275670	24.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	393401	21.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	368955	21.81	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	204269	23.64	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	240713	23.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	419705	20.38	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	523508	27.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1449989	24.29	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1510214	21.66	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	182182	18.78	ng/ul	0.00
58) Fluorene-d10	15.06	176	1177387	22.27	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	200943	18.33	ng/ul	0.00
71) Anthracene-d10	16.91	188	1675494	21.82	ng/ul	0.00
79) Pyrene-d10	19.22	212	1738389	21.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1726670	20.36	ng/ul	-0.01
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	552165	6.021	ng/ul	100
72) Anthracene	16.94	178	99834	1.073	ng/ul	98
77) Fluoranthene	18.88	202	923278	8.201	ng/ul	99
80) Pyrene	19.24	202	720906	6.672	ng/ul	100
83) Benzo(a)anthracene	21.01	228	447816	4.073	ng/ul	99
85) Chrysene	21.06	228	435492	4.023	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	596416	5.554	ng/ul#	97
89) Benzo(k)fluoranthene	22.54	252	175621m	1.699	ng/ul	
91) Benzo(a)pyrene	23.03	252	334482	3.474	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	257657	2.150	ng/ul	98
94) Benzo(g,h,i)perylene	25.80	276	186089	1.867	ng/ul	98

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

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