Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024796.D
Acq On : 08 Feb 2020 13:15
Operator : CG/JU
Sample : L1400-15
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6J1

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:45 AM

Quant Time: Feb 10 01:21:37 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	304000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1198627	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	814819	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1808340	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1794667	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1863573	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	24021	3.80	ng/uL	0.00
5) Phenol-d5	6.60	99	427941	21.19	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	285632	25.04	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	406238	22.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	302836	17.77	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	209677	24.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	244673	23.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	420921	20.37	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	469955	24.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1492220	24.26	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1625043	22.62	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	197598	19.77	ng/ul	0.00
58) Fluorene-d10	15.06	176	1260733	23.15	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	221925	18.83	ng/ul	0.00
71) Anthracene-d10	16.91	188	1841083	22.30	ng/ul	0.00
79) Pyrene-d10	19.22	212	1993064	22.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1983278	21.19	ng/ul	-0.01
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	378212	3.836	ng/ul	99
77) Fluoranthene	18.88	202	795933	6.576	ng/ul	99
80) Pyrene	19.24	202	641957	5.404	ng/ul	99
83) Benzo(a)anthracene	21.00	228	417731	3.456	ng/ul	97
85) Chrysene	21.06	228	385857	3.242	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	526697	4.445	ng/ul#	97
89) Benzo(k)fluoranthene	22.54	252	184264m	1.615	ng/ul	
91) Benzo(a)pyrene	23.03	252	321833	3.029	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	236992	1.792	ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	191107	1.737	ng/ul	96

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

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