Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024786.D
Acq On : 08 Feb 2020 06:40
Operator : CG/JU
Sample : L1400-06
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6H2

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:21 AM

Quant Time: Feb 10 00:35:12 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	309287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1208666	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	807451	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1811206	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1833150	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1880340	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	18202	2.83	ng/uL	0.00
5) Phenol-d5	6.60	99	304279	14.81	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	215181	18.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	288936	15.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	244090	14.08	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	154531	17.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	179949	17.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	303296	14.56	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	383137	19.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1185520	19.45	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1170589	16.45	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	147515	14.89	ng/ul	0.00
58) Fluorene-d10	15.06	176	956861	17.73	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	169278	14.34	ng/ul	0.00
71) Anthracene-d10	16.91	188	1374613	16.63	ng/ul	0.00
79) Pyrene-d10	19.22	212	1507166	16.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1490353	15.78	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	368744	3.734	ng/ul	100
77) Fluoranthene	18.88	202	799743	6.597	ng/ul	99
80) Pyrene	19.24	202	624494	5.147	ng/ul	100
83) Benzo(a)anthracene	21.01	228	407326	3.299	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.98	149	202476	2.818	ng/ul	99
85) Chrysene	21.06	228	392380	3.228	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	519017	4.341	ng/ul	97
89) Benzo(k)fluoranthene	22.54	252	208754m	1.814	ng/ul	
91) Benzo(a)pyrene	23.03	252	315371	2.942	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	244258	1.830	ng/ul	98
94) Benzo(g,h,i)perylene	25.80	276	179125	1.614	ng/ul	98

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

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