Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024782.D
Acq On : 08 Feb 2020 04:17
Operator : CG/JU
Sample : L1400-02
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G8

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:16 AM

Quant Time: Feb 10 14:12:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 22:29:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	312373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1235080	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	831536	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1857305	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1877496	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1932061	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	25512	3.93	ng/uL	0.00
5) Phenol-d5	6.60	99	466549	22.48	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	299515	25.56	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	430669	23.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	394187	22.51	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	222340	24.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	266334	25.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	471711	22.16	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	558814	28.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1610730	25.66	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1755275	23.95	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	219774	21.55	ng/ul	0.00
58) Fluorene-d10	15.06	176	1375047	24.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	237476	19.62	ng/ul	0.00
71) Anthracene-d10	16.91	188	1961923	23.14	ng/ul	0.00
79) Pyrene-d10	19.22	212	2190820	23.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2171352	22.38	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.53	163	121401	1.854	ng/ul#	97
70) Phenanthrene	16.85	178	646659	6.386	ng/ul	99
72) Anthracene	16.94	178	131791	1.283	ng/ul	98
77) Fluoranthene	18.88	202	1308959	10.529	ng/ul	99
80) Pyrene	19.24	202	1090949	8.778	ng/ul	99
83) Benzo(a)anthracene	21.01	228	712884	5.637	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.98	149	514015	6.986	ng/ul	99
85) Chrysene	21.06	228	715496	5.747	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	1023936	8.334	ng/ul	98
89) Benzo(k)fluoranthene	22.54	252	306340m	2.591	ng/ul	
91) Benzo(a)pyrene	23.03	252	527132	4.786	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	423136	3.086	ng/ul	99
93) Dibenzo(a,h)anthracene	25.18	278	128680	1.101	ng/ul#	93
94) Benzo(g,h,i)perylene	25.80	276	318193	2.790	ng/ul	97

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

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