Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024842.D
Acq On : 11 Feb 2020 19:52
Operator : CG/JU
Sample : L1405-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6P4

Quant Time: Feb 12 04:42:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 04:40:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	309917	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1195105	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	773062	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1609615	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1589155	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1648980	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	25756	4.00	ng/uL	0.00
5) Phenol-d5	6.60	99	470691	22.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	282775	24.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	428096	23.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	396286	22.81	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	209097	24.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	244296	23.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	444901	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	550403	28.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1400206	23.99	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1639270	24.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	175286	18.49	ng/ul	0.00
58) Fluorene-d10	15.06	176	1199230	23.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	193607	18.45	ng/ul	0.00
71) Anthracene-d10	16.90	188	1804872	24.56	ng/ul	0.00
79) Pyrene-d10	19.22	212	2067893	26.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2212638	26.72	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	375071	4.274	ng/ul	100
77) Fluoranthene	18.87	202	669823	6.217	ng/ul	97
80) Pyrene	19.24	202	608605	5.786	ng/ul	97
83) Benzo(a)anthracene	21.00	228	342942	3.204	ng/ul	100
85) Chrysene	21.06	228	345782	3.281	ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	468564	4.469	ng/ul#	98
89) Benzo(k)fluoranthene	22.54	252	149654	1.483	ng/ul#	95
91) Benzo(a)pyrene	23.03	252	282619	3.006	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	221041	1.889	ng/ul#	97
94) Benzo(g,h,i)perylene	25.79	276	191053	1.963	ng/ul	98

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

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