Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024751.D
Acq On : 07 Feb 2020 07:40
Operator : CG/JU
Sample : L1398-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6T0

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:27 AM

Quant Time: Feb 07 16:01:53 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	7.41	152	347521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1397389	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	962655	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	2136876	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	2015622	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	2279874	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	25977	3.60	ng/uL	0.00
5) Phenol-d5	6.60	99	491051	21.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	294921	22.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	448744	21.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	421579	21.64	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	223310	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	265415	22.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	500171	20.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	589197	26.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1601332	22.04	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1879853	22.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	215925	18.29	ng/ul	0.00
58) Fluorene-d10	15.06	176	1407660	21.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	249511	17.91	ng/ul	0.00
71) Anthracene-d10	16.92	188	2155326	22.09	ng/ul	0.00
79) Pyrene-d10	19.22	212	2480543	24.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	2625187	22.93	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.21	128	73415	1.028	ng/ul	99
45) Dimethylphthalate	13.53	163	107723	1.421	ng/ul	99
70) Phenanthrene	16.86	178	1093181	9.383	ng/ul	99
72) Anthracene	16.94	178	232355	1.966	ng/ul	99
77) Fluoranthene	18.89	202	2070150	14.473	ng/ul	100
80) Pyrene	19.25	202	1790148	13.417	ng/ul	100
83) Benzo(a)anthracene	21.02	228	1036383	7.633	ng/ul	97
85) Chrysene	21.07	228	994430	7.440	ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	1337953	9.229	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	489556m	3.508	ng/ul	
91) Benzo(a)pyrene	23.04	252	876053	6.740	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	642711	3.972	ng/ul	99
93) Dibenzo(a,h)anthracene	25.20	278	181000	1.313	ng/ul#	93
94) Benzo(g,h,i)perylene	25.81	276	598798	4.449	ng/ul	99

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

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