Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024750.D
Acq On : 07 Feb 2020 07:04
Operator : CG/JU
Sample : L1398-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6S9

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:18 AM

Quant Time: Feb 07 16:00:33 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	295055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1184354	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	818077	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1812019	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1735979	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1936330	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	21366	3.48	ng/uL	0.00
5) Phenol-d5	6.60	99	438713	22.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	257167	23.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	398855	22.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	377921	22.85	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	197215	23.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	238980	23.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	446841	21.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	521922	27.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1527231	24.73	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1776381	24.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	211242	21.05	ng/ul	0.00
58) Fluorene-d10	15.06	176	1347795	24.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	251291	21.28	ng/ul	0.00
71) Anthracene-d10	16.92	188	2095329	25.33	ng/ul	0.00
79) Pyrene-d10	19.22	212	2446655	28.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	2579184	26.52	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.21	128	75309	1.245	ng/ul	99
50) Acenaphthene	14.12	153	54957	1.089	ng/ul	97
70) Phenanthrene	16.86	178	1208269	12.229	ng/ul	99
72) Anthracene	16.94	178	256267	2.558	ng/ul	98
75) Carbazole	17.22	167	98892	1.185	ng/ul	98
77) Fluoranthene	18.89	202	2349675	19.373	ng/ul	100
80) Pyrene	19.25	202	2013611	17.523	ng/ul	100
83) Benzo(a)anthracene	21.02	228	1191690	10.191	ng/ul	97
85) Chrysene	21.06	228	1145936	9.954	ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	1518084	12.329	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	563417m	4.754	ng/ul	
91) Benzo(a)pyrene	23.04	252	1005114	9.105	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	711569	5.178	ng/ul	97
93) Dibenzo(a,h)anthracene	25.19	278	203776	1.740	ng/ul#	90
94) Benzo(g,h,i)perylene	25.81	276	626351	5.480	ng/ul	99

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

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