Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024738.D
Acq On : 06 Feb 2020 21:26
Operator : CG/JU
Sample : L1398-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6D8

Manual Integrations APPROVED
mohammad
2/10/2020 8:21:50 AM

Quant Time: Feb 07 00:57:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	252174	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1019928	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	704668	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1562203	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1566477	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1786211	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	25921	4.94	ng/uL	0.00
5) Phenol-d5	6.60	99	443033	26.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	260524	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	405140	26.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	371347	26.27	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	198516	26.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	233137	26.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	438363	24.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	516490	31.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1442905	27.13	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1674520	26.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	199558	23.09	ng/ul	0.00
58) Fluorene-d10	15.06	176	1262763	26.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	234672	23.05	ng/ul	0.00
71) Anthracene-d10	16.92	188	1978722	27.75	ng/ul	0.00
79) Pyrene-d10	19.22	212	2314561	29.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2546212	28.38	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	86048	1.651	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	38660	1.007	ng/ul	97
45) Dimethylphthalate	13.53	163	119532	2.154	ng/ul	98
70) Phenanthrene	16.86	178	720748	8.462	ng/ul	100
72) Anthracene	16.95	178	157354	1.822	ng/ul	98
77) Fluoranthene	18.89	202	1099663	10.516	ng/ul	99
80) Pyrene	19.25	202	966541	9.321	ng/ul	99
83) Benzo(a)anthracene	21.01	228	550397	5.216	ng/ul	97
85) Chrysene	21.06	228	539539	5.194	ng/ul	98
88) Benzo(b)fluoranthene	22.52	252	745823	6.566	ng/ul#	97
89) Benzo(k)fluoranthene	22.55	252	217126m	1.986	ng/ul	
91) Benzo(a)pyrene	23.04	252	477088	4.685	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	329995	2.603	ng/ul	97
94) Benzo(g,h,i)perylene	25.81	276	321511	3.049	ng/ul	99

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

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