Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024740.D
Acq On : 06 Feb 2020 22:39
Operator : CG/JU
Sample : L1398-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6E0

Manual Integrations APPROVED
mohammad
2/10/2020 8:21:56 AM

Quant Time: Feb 07 01:06:53 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	303029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1209692	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	798408	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1688865	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1502852	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1648815	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	22392	3.55	ng/uL	0.00
5) Phenol-d5	6.60	99	420420	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	246780	21.71	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	389018	21.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	351992	20.72	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	189371	21.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	229462	22.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	421752	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	455565	23.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1335495	22.16	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1570012	22.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	165744	16.92	ng/ul	0.00
58) Fluorene-d10	15.06	176	1164352	21.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	211660	19.23	ng/ul	0.00
71) Anthracene-d10	16.92	188	1759631	22.82	ng/ul	0.00
79) Pyrene-d10	19.22	212	1992303	26.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1994907	24.09	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.53	163	89204	1.419	ng/ul	99
50) Acenaphthene	14.13	153	54910	1.115	ng/ul	96
59) Fluorene	15.12	166	61183	1.012	ng/ul#	98
70) Phenanthrene	16.86	178	1228501	13.341	ng/ul	99
72) Anthracene	16.94	178	241867	2.590	ng/ul	100
75) Carbazole	17.22	167	88846	1.142	ng/ul	98
77) Fluoranthene	18.89	202	1968833	17.417	ng/ul	100
80) Pyrene	19.25	202	1738654	17.478	ng/ul	99
83) Benzo(a)anthracene	21.02	228	950395	9.388	ng/ul	98
85) Chrysene	21.06	228	917824	9.209	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1223552	11.670	ng/ul	98
89) Benzo(k)fluoranthene	22.55	252	342340m	3.392	ng/ul	
91) Benzo(a)pyrene	23.04	252	774276	8.237	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	565125	4.829	ng/ul	97
93) Dibenzo(a,h)anthracene	25.19	278	156510	1.570	ng/ul#	91
94) Benzo(g,h,i)perylene	25.80	276	524998	5.394	ng/ul	100

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

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