Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024761.D
Acq On : 07 Feb 2020 14:20
Operator : CG/JU
Sample : L1399-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6F8

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:40 AM

Quant Time: Feb 07 16:20:24 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	7.40	152	297680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1190989	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	806321	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1780206	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1703262	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1929405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	21385	3.46	ng/uL	0.00
5) Phenol-d5	6.60	99	390318	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	239337	21.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	358533	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	340741	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	179017	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	216551	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	395295	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	479498	24.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1336652	21.96	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1456894	20.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	202263	20.45	ng/ul	0.00
58) Fluorene-d10	15.06	176	1130793	20.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	219215	18.89	ng/ul	0.00
71) Anthracene-d10	16.92	188	1767612	21.75	ng/ul	0.00
79) Pyrene-d10	19.22	212	2030141	23.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2144107	22.13	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	71273	1.171	ng/ul	99
45) Dimethylphthalate	13.53	163	168263	2.650	ng/ul	99
59) Fluorene	15.12	166	70910	1.161	ng/ul#	95
70) Phenanthrene	16.86	178	1203983	12.404	ng/ul	99
72) Anthracene	16.95	178	280122	2.846	ng/ul	98
75) Carbazole	17.22	167	100518	1.226	ng/ul	99
77) Fluoranthene	18.89	202	2014621	16.907	ng/ul	100
80) Pyrene	19.25	202	1669641	14.809	ng/ul	100
83) Benzo(a)anthracene	21.02	228	1051390	9.164	ng/ul	97
85) Chrysene	21.06	228	998898	8.843	ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	1344670	10.960	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	495083m	4.192	ng/ul	
91) Benzo(a)pyrene	23.04	252	859109	7.811	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	637716	4.657	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	191418	1.641	ng/ul#	90
94) Benzo(g,h,i)perylene	25.82	276	467720	4.107	ng/ul	99

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

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