Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Manual Integrations APPROVED
mohammad
3/17/2020 3:10:05 PM

Quant Time: Mar 16 14:55:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:27:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	184584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	796311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	503653	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1043633	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1000258	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1179015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21116	4.80	ng/uL	0.00
5) Phenol-d5	6.82	99	467008	32.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	280647	33.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	394468	33.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	384726	32.14	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	200703	33.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	217520	34.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	414490	32.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	365816	24.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1279666	33.43	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1577056	34.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	162786	22.34	ng/ul	0.00
58) Fluorene-d10	15.27	176	1134964	33.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	133637	20.99	ng/ul	0.00
71) Anthracene-d10	17.11	188	1688546	34.64	ng/ul	0.00
79) Pyrene-d10	19.41	212	1805993	37.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	2158214	35.75	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.73	163	471404	11.831	ng/ul	99
48) Acenaphthylene	13.99	152	375142	7.553	ng/ul	99
70) Phenanthrene	17.06	178	630920	10.271	ng/ul	99
72) Anthracene	17.14	178	209414	3.345	ng/ul	99
75) Carbazole	17.42	167	56711	1.037	ng/ul	99
77) Fluoranthene	19.07	202	2445800	33.777	ng/ul	99
80) Pyrene	19.44	202	2405819	35.812	ng/ul	99
83) Benzo(a)anthracene	21.19	228	1705688m	25.865	ng/ul	
85) Chrysene	21.24	228	1725132	26.663	ng/ul	98
88) Benzo(b)fluoranthene	22.74	252	2889921	39.284	ng/ul	98
89) Benzo(k)fluoranthene	22.78	252	1013810m	13.990	ng/ul	
91) Benzo(a)pyrene	23.30	252	2105168	31.446	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	1605333	18.158	ng/ul	97
93) Dibenzo(a,h)anthracene	25.55	278	405013	5.410	ng/ul#	87
94) Benzo(g,h,i)perylene	26.21	276	1234903	16.948	ng/ul	98

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

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