Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AT7

Manual Integrations APPROVED
mohammad
2/25/2020 3:40:30 PM

Quant Time: Feb 25 04:10:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 02:39:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	129769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	506575	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.06	164	347135	20.00	ng/ul	0.04
62) Phenanthrene-d10	16.83	188	685031	20.00	ng/ul	0.04
78) Chrysene-d12	21.03	240	625037m	20.00	ng/ul	0.02
86) Perylene-d12	23.13	264	594954	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	6617	2.10	ng/uL	0.01
5) Phenol-d5	6.59	99	143915	13.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	109312	14.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	116107	13.97	ng/ul	0.01
13) 4-Methylphenol-d8	8.10	113	96238	10.96	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	53996	14.57	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	63055	15.55	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	120840	15.50	ng/ul	0.01
29) 4-Chloroaniline-d4	10.31	131	18595	2.12	ng/ul	0.03
44) Dimethylphthalate-d6	13.46	166	372040	14.35	ng/ul	0.01
47) Acenaphthylene-d8	13.73	160	403245	13.20	ng/ul	0.02
52) 4-Nitrophenol-d4	14.29	143	109805m	23.19	ng/ul	0.02
58) Fluorene-d10	15.06	176	363167	16.22	ng/ul	0.04
63) 4,6-Dinitro-2-methylphenol	15.22	200	73808	17.34	ng/ul	0.03
71) Anthracene-d10	16.92	188	557417	17.75	ng/ul	0.04
79) Pyrene-d10	19.23	212	587109m	17.97	ng/ul	0.04
90) Benzo(a)pyrene-d12	23.00	264	583184	19.63	ng/ul	0.02
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.35	107	352998	35.837	ng/ul#	33
45) Dimethylphthalate	13.51	163	104472	3.861	ng/ul#	40
48) Acenaphthylene	13.79	152	252562	7.641	ng/ul#	1
54) Dibenzofuran	14.46	168	86240	2.712	ng/ul#	1
56) 2,3,4,6-Tetrachlorophenol	14.70	232	241910	40.161	ng/ul#	41
69) Pentachlorophenol	16.52	266	7516535	1714.826	ng/ul	99
70) Phenanthrene	16.86	178	200969	5.141	ng/ul#	1
72) Anthracene	16.96	178	140308	3.511	ng/ul#	23
75) Carbazole	17.23	167	460284	13.078	ng/ul#	51
77) Fluoranthene	18.89	202	235405	5.141	ng/ul#	83
80) Pyrene	19.26	202	3519220	78.097	ng/ul	99
83) Benzo(a)anthracene	21.01	228	67616m	1.574	ng/ul	
84) Bis(2-ethylhexyl)phthalate	20.96	149	45295m	1.602	ng/ul	
85) Chrysene	21.04	228	305769m	7.231	ng/ul	
88) Benzo(b)fluoranthene	22.52	252	140036m	3.630	ng/ul	
91) Benzo(a)pyrene	23.04	252	76597	2.208	ng/ul#	43

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

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