Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDW0

Manual Integrations APPROVED
mohammad
3/4/2020 7:50:52 AM

Quant Time: Mar 03 02:01:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	92186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	405409	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	262298	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	528361	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	487228	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	478497	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	3467	1.55	ng/uL	0.02
5) Phenol-d5	6.58	99	60997	7.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	45612	8.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	49709	8.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	47217	7.57	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	24053	8.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	27058	8.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	46202	7.41	ng/ul	0.02
29) 4-Chloroaniline-d4	10.28	131	57177m	8.16	ng/ul	0.01
44) Dimethylphthalate-d6	13.43	166	174573	8.91	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	202180	8.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	14147m	3.95	ng/ul	0.04
58) Fluorene-d10	15.02	176	151909	8.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	13639	4.16	ng/ul	0.01
71) Anthracene-d10	16.87	188	223076	9.21	ng/ul	0.00
79) Pyrene-d10	19.17	212	247733	9.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	226483	9.48	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.16	128	75479	3.453	ng/ul	98
34) 2-Methylnaphthalene	11.79	142	268454	17.684	ng/ul	91
41) 1,1'-Biphenyl	12.83	154	171105	8.493	ng/ul	98
50) Acenaphthene	14.07	153	903752	52.786	ng/ul	99
54) Dibenzofuran	14.42	168	907485	37.763	ng/ul	94
59) Fluorene	15.07	166	798770	39.607	ng/ul	96
70) Phenanthrene	16.82	178	3531582	117.120	ng/ul	99
72) Anthracene	16.90	178	259644	8.423	ng/ul	100
75) Carbazole	17.19	167	51897	1.912	ng/ul	99
77) Fluoranthene	18.85	202	1983666	56.161	ng/ul	97
80) Pyrene	19.20	202	1268330	36.107	ng/ul	99
83) Benzo(a)anthracene	20.97	228	244709	7.309	ng/ul	98
85) Chrysene	21.02	228	190823	5.789	ng/ul	95
88) Benzo(b)fluoranthene	22.47	252	116034m	3.740	ng/ul	
89) Benzo(k)fluoranthene	22.51	252	42898	1.460	ng/ul	98
91) Benzo(a)pyrene	22.99	252	66414	2.380	ng/ul#	94

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

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