Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\

Quantitation Report (QT Reviewed)

Data File : BN010075.D
Acq On : 03 Mar 2020 23:22
Operator : CG/JU
Sample : L1619-04DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 04 02:06:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	53222	20.00	ng/ul	0.01
18) Naphthalene-d8	10.12	136	177746	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.00	164	141722	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	328813	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	366884	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	432559	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.62	99	3571m	0.79	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.75	67	3381m	1.08	ng/ul	0.03
9) 2-Chlorophenol-d4	6.94	132	3205m	0.94	ng/ul	0.04
13) 4-Methylphenol-d8	8.14	113	1701m	0.47	ng/ul	0.06
19) Nitrobenzene-d5	8.56	128	1094m	0.84	ng/ul	0.05
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.87	165	2411m	0.88	ng/ul	0.12
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	16226	1.53	ng/ul	0.02
47) Acenaphthylene-d8	13.70	160	16062	1.29	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.02	176	14393	1.57	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.86	188	22249	1.48	ng/ul	0.00
79) Pyrene-d10	19.17	212	26782	1.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	35698	1.65	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.73	152	17113	1.268	ng/ul	96
59) Fluorene	15.08	166	16329	1.499	ng/ul	98
70) Phenanthrene	16.81	178	49477	2.637	ng/ul	98
72) Anthracene	16.90	178	615846	32.103	ng/ul	99
75) Carbazole	17.19	167	97853	5.792	ng/ul	97
77) Fluoranthene	18.84	202	81335	3.700	ng/ul	99
80) Pyrene	19.20	202	120388	4.551	ng/ul	95
83) Benzo(a)anthracene	20.97	228	193580	7.678	ng/ul	98
85) Chrysene	21.02	228	152458	6.142	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	896645	31.971	ng/ul	99
89) Benzo(k)fluoranthene	22.50	252	234453m	8.829	ng/ul	
91) Benzo(a)pyrene	22.99	252	317054	12.569	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.11	276	209737	7.003	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.10	278	61685	2.408	ng/ul#	84
94) Benzo(g,h,i)perylene	25.72	276	124907	4.974	ng/ul	99

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

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