Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111020\
Data File : BN012543.D
Acq On : 10 Nov 2020 22:04
Operator : CG/JU
Sample : L4485-09
Misc : MDL-W-02
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-02

Quant Time: Nov 11 00:52:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 14:27:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	594	0.40	ng/ul	0.00
4) Naphthalene-d8	10.25	136	2359	0.40	ng/ul	0.01
9) Acenaphthene-d10	14.13	164	1303	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.88	188	2463	0.40	ng/ul	0.00
19) Chrysene-d12	21.08	240	2246	0.40	ng/ul	0.00
23) Perylene-d12	23.19	264	2397	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	486	0.60	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.86	152	905	0.27	ng/ul	0.02
17) Fluoranthene-d10	18.91	212	1885	0.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	65	0.080	ng/ul#	80
5) Naphthalene	10.30	128	375	0.057	ng/ul#	40
7) 2-Methylnaphthalene	11.94	142	201	0.047	ng/ul	87
8) 1-Methylnaphthalene	12.14	142	217	0.053	ng/ul	95
10) Acenaphthylene	13.84	152	329	0.057	ng/ul#	61
11) Acenaphthene	14.19	153	275	0.056	ng/ul#	92
12) Fluorene	15.20	166	296	0.054	ng/ul#	90
14) Pentachlorophenol	16.56	266	35	0.052	ng/ul#	90
15) Phenanthrene	16.92	178	437	0.054	ng/ul#	59
16) Anthracene	17.04	178	317	0.047	ng/ul#	37
18) Fluoranthene	18.94	202	587	0.065	ng/ul#	61
20) Pyrene	19.31	202	621	0.059	ng/ul#	76
21) Benzo(a)anthracene	21.06	228	485	0.059	ng/ul#	84
22) Chrysene	21.12	228	644	0.065	ng/ul#	84
24) Benzo(b)fluoranthene	22.57	252	592	0.058	ng/ul#	21
25) Benzo(k)fluoranthene	22.62	252	691	0.059	ng/ul#	31
26) Benzo(a)pyrene	23.11	252	590	0.061	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.29	276	718	0.057	ng/ul#	56
28) Dibenzo(a,h)anthracene	25.32	278	558	0.055	ng/ul#	12
29) Benzo(g,h,i)perylene	25.93	276	679	0.058	ng/ul#	65

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

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