Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031621\
Data File : BN013950.D
Acq On : 16 Mar 2021 11:03
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-SIM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
3/17/2021 10:50:54 AM

Quant Time: Mar 16 11:33:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 11:01:22 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	7107	0.40	ng/ul	0.00
4) Naphthalene-d8	10.49	136	23841	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	11906	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	25895	0.40	ng/ul	0.00
17) Chrysene-d12	21.27	240	20583	0.40	ng/ul	0.00
23) Perylene-d12	23.50	264	18424	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3863	0.51	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.08	152	9603	0.28	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	18775	0.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	484	0.061	ng/ul#	58
5) Naphthalene	10.54	128	4803	0.069	ng/ul	98
7) 2-Methylnaphthalene	12.16	142	3063	0.068	ng/ul	100
8) 1-Methylnaphthalene	12.38	142	2894	0.066	ng/ul	100
10) Acenaphthylene	14.07	152	3476	0.065	ng/ul	97
11) Acenaphthene	14.41	153	3013	0.068	ng/ul	98
12) Fluorene	15.40	166	3306	0.066	ng/ul	99
14) Pentachlorophenol	16.74	266	342	0.077	ng/ul	99
15) Phenanthrene	17.14	178	5703	0.066	ng/ul	97
16) Anthracene	17.22	178	4576	0.064	ng/ul	97
19) Fluoranthene	19.15	202	6066	0.073	ng/ul	99
20) Pyrene	19.51	202	5991	0.070	ng/ul	97
21) Benzo(a)anthracene	21.26	228	4613	0.063	ng/ul	98
22) Chrysene	21.31	228	5635	0.070	ng/ul	99
24) Benzo(b)fluoranthene	22.83	252	5800m	0.067	ng/ul	
25) Benzo(k)fluoranthene	22.87	252	5680	0.065	ng/ul#	85
26) Benzo(a)pyrene	23.40	252	4884	0.070	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.73	276	6205	0.067	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.75	278	4838	0.065	ng/ul	92
29) Benzo(g,h,i)perylene	26.42	276	5343	0.065	ng/ul	94

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

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