Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011221\
Data File : BM028376.D
Acq On : 12 Jan 2021 11:18
Operator : CG/JU
Sample : L5214-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2021-02

Quant Time: Jan 12 11:52:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM011121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 10:28:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	467	0.40	ng/ul	0.00
4) Naphthalene-d8	10.95	136	1734	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.76	164	879	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.48	188	1676	0.40	ng/ul	0.00
17) Chrysene-d12	21.60	240	1244	0.40	ng/ul	0.00
23) Perylene-d12	23.92	264	1052	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	283	0.54	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.52	152	752	0.30	ng/ul	0.00
18) Fluoranthene-d10	19.48	212	1166	0.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	36	0.067	ng/ul#	82
5) Naphthalene	11.00	128	297	0.060	ng/ul#	63
7) 2-Methylnaphthalene	12.60	142	189	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.82	142	178	0.059	ng/ul	100
10) Acenaphthylene	14.48	152	217	0.057	ng/ul#	61
11) Acenaphthene	14.82	153	191	0.059	ng/ul#	92
12) Fluorene	15.80	166	204	0.057	ng/ul#	93
14) Pentachlorophenol	17.13	266	23	0.061	ng/ul	95
15) Phenanthrene	17.52	178	328	0.062	ng/ul#	75
16) Anthracene	17.61	178	273	0.059	ng/ul#	67
19) Fluoranthene	19.51	202	352	0.065	ng/ul#	68
20) Pyrene	19.87	202	351	0.065	ng/ul#	70
21) Benzo(a)anthracene	21.58	228	314	0.074	ng/ul#	82
22) Chrysene	21.63	228	352	0.075	ng/ul#	86
24) Benzo(b)fluoranthene	23.21	252	370	0.082	ng/ul#	48
25) Benzo(k)fluoranthene	23.27	252	340	0.079	ng/ul#	45
26) Benzo(a)pyrene	23.82	252	287	0.077	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	26.30	276	336	0.069	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.31	278	281	0.070	ng/ul#	45
29) Benzo(g,h,i)perylene	27.03	276	304	0.070	ng/ul#	62

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

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