Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014476.D
Acq On : 28 Apr 2021 18:18
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WTR-0.1PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2021

Quant Time: Apr 29 02:07:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 19:23:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	4807	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	16275	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	7383	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	14582	0.40	ng		0.00
29) Chrysene-d12	21.247	240	11555	0.40	ng		0.00
35) Perylene-d12	23.466	264	10523	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	3542	0.39	ng		0.00
5) Phenol-d6	6.839	99	4048	0.36	ng		0.00
8) Nitrobenzene-d5	8.819	82	4663	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.040	152	9034	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	668	0.27	ng		0.01
15) 2-Fluorobiphenyl	12.925	172	11660	0.42	ng		0.00
27) Fluoranthene-d10	19.086	212	13747	0.34	ng		0.00
31) Terphenyl-d14	19.692	244	10153	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	579	0.11	ng	#	84
3) n-Nitrosodimethylamine	3.601	42	76	0.03	ng	#	1
6) bis(2-Chloroethyl)ether	7.104	93	1372	0.12	ng		100
9) Naphthalene	10.492	128	4685	0.12	ng		96
10) Hexachlorobutadiene	10.784	225	1010	0.13	ng	#	100
12) 2-Methylnaphthalene	12.115	142	2816	0.11	ng		95
16) Acenaphthylene	14.016	152	3618	0.12	ng		99
17) Acenaphthene	14.359	154	2236	0.11	ng	#	93
18) Fluorene	15.361	166	2695	0.11	ng		98
20) 4,6-Dinitro-2-methylph...	15.450	198	72	0.21	ng	#	1
21) 4-Bromophenyl-phenylether	16.252	248	876	0.11	ng		97
22) Hexachlorobenzene	16.361	284	1400	0.14	ng		98
23) Atrazine	16.519	200	395	0.08	ng	#	85
24) Pentachlorophenol	16.714	266	97	0.28	ng	#	83
25) Phenanthrene	17.091	178	4457	0.11	ng		99
26) Anthracene	17.177	178	3255	0.10	ng		99
28) Fluoranthene	19.116	202	4382	0.10	ng		98
30) Pyrene	19.483	202	4053	0.12	ng		99
32) Benzo(a)anthracene	21.237	228	3199	0.10	ng		96
33) Chrysene	21.279	228	4227	0.12	ng		98
34) Bis(2-ethylhexyl)phtha...	21.173	149	1383	0.10	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.694	276	4361	0.11	ng		100
37) Benzo(b)fluoranthene	22.802	252	4222	0.11	ng	#	77
38) Benzo(k)fluoranthene	22.846	252	4260	0.11	ng	#	75
39) Benzo(a)pyrene	23.370	252	3599	0.11	ng	#	69
40) Dibenzo(a,h)anthracene	25.708	278	3463	0.10	ng	#	82
41) Benzo(g,h,i)perylene	26.369	276	4417	0.12	ng	#	90

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

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