Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014477.D
Acq On : 28 Apr 2021 18:54
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WTR-0.2PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:14 PM

Quant Time: Apr 29 02:07:19 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	4267	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	14510	0.40	ng		0.00
13) Acenaphthene-d10	14.296	164	6561	0.40	ng		#-0.01
19) Phenanthrene-d10	17.043	188	12978	0.40	ng		#-0.01
29) Chrysene-d12	21.247	240	10491	0.40	ng		0.00
35) Perylene-d12	23.463	264	9636	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	3199	0.40	ng		0.00
5) Phenol-d6	6.839	99	3671	0.37	ng		0.00
8) Nitrobenzene-d5	8.819	82	4105	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.040	152	8262	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	622	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	10015	0.41	ng		0.00
27) Fluoranthene-d10	19.086	212	12578	0.35	ng		0.00
31) Terphenyl-d14	19.692	244	8771	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	739	0.16	ng	#	83
3) n-Nitrosodimethylamine	3.633	42	182	0.08	ng	#	31
6) bis(2-Chloroethyl)ether	7.104	93	2501	0.25	ng		98
9) Naphthalene	10.492	128	8689	0.24	ng		99
10) Hexachlorobutadiene	10.784	225	1849	0.27	ng	#	99
12) 2-Methylnaphthalene	12.115	142	5300	0.22	ng		98
16) Acenaphthylene	14.016	152	6676	0.26	ng		100
17) Acenaphthene	14.359	154	4125	0.23	ng	#	92
18) Fluorene	15.349	166	5075	0.22	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	146	0.25	ng	#	1
21) 4-Bromophenyl-phenylether	16.252	248	1608	0.24	ng		97
22) Hexachlorobenzene	16.361	284	2689	0.31	ng		99
23) Atrazine	16.519	200	751	0.18	ng	#	93
24) Pentachlorophenol	16.714	266	206	0.33	ng		94
25) Phenanthrene	17.091	178	8134	0.23	ng		99
26) Anthracene	17.177	178	5935	0.21	ng		99
28) Fluoranthene	19.116	202	8035	0.20	ng		99
30) Pyrene	19.484	202	7576	0.24	ng		99
32) Benzo(a)anthracene	21.226	228	6050	0.21	ng		96
33) Chrysene	21.279	228	8019	0.25	ng		99
34) Bis(2-ethylhexyl)phtha...	21.173	149	2428	0.20	ng		98
36) Indeno(1,2,3-cd)pyrene	25.691	276	8571	0.23	ng		99
37) Benzo(b)fluoranthene	22.802	252	7943m	0.23	ng		
38) Benzo(k)fluoranthene	22.843	252	8671	0.24	ng	#	89
39) Benzo(a)pyrene	23.367	252	7197	0.23	ng	#	90
40) Dibenzo(a,h)anthracene	25.705	278	6816	0.22	ng	#	92
41) Benzo(g,h,i)perylene	26.365	276	8260	0.25	ng		97

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

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