Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015741.D
Acq On : 31 Jul 2021 18:40
Operator : CG/JU
Sample : M2262-08
Misc : LOQ-WTR-0.2ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:54 PM

Quant Time: Aug 02 04:29:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	37642	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	169627	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	91578	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	175178	0.400	ng		0.00
29) Chrysene-d12	21.376	240	165078	0.400	ng	#	0.00
35) Perylene-d12	23.714	264	176692	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	36063	0.357	ng		0.00
5) Phenol-d6	6.951	99	41739	0.341	ng		0.00
8) Nitrobenzene-d5	8.936	82	32310	0.303	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	109005	0.427	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	11028	0.279	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	112172	0.320	ng		-0.01
27) Fluoranthene-d10	19.207	212	186780	0.405	ng		0.00
31) Terphenyl-d14	19.812	244	126019	0.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2600m	0.201	ng		
3) n-Nitrosodimethylamine	3.724	42	4318	0.173	ng	#	94
6) bis(2-Chloroethyl)ether	7.218	93	21957	0.219	ng		99
9) Naphthalene	10.622	128	91176	0.206	ng		100
10) Hexachlorobutadiene	10.914	225	16019	0.206	ng	#	100
12) 2-Methylnaphthalene	12.238	142	60447	0.211	ng		99
16) Acenaphthylene	14.129	152	70507	0.175	ng		100
17) Acenaphthene	14.484	154	50061	0.191	ng		99
18) Fluorene	15.474	166	60758	0.190	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	1176	0.087	ng	#	82
21) 4-Bromophenyl-phenylether	16.360	248	19076	0.187	ng	#	69
22) Hexachlorobenzene	16.482	284	22353	0.198	ng		99
23) Atrazine	16.640	200	14641	0.187	ng		97
24) Pentachlorophenol	16.823	266	7270	0.171	ng		99
25) Phenanthrene	17.212	178	97255	0.194	ng		100
26) Anthracene	17.297	178	82205	0.181	ng		100
28) Fluoranthene	19.237	202	103358	0.193	ng		100
30) Pyrene	19.599	202	104221	0.189	ng		100
32) Benzo(a)anthracene	21.355	228	98016	0.186	ng		99
33) Chrysene	21.408	228	100334	0.188	ng		98
34) Bis(2-ethylhexyl)phtha...	21.302	149	38556	0.138	ng		99
36) Indeno(1,2,3-cd)pyrene	26.117	276	125297	0.197	ng	#	94
37) Benzo(b)fluoranthene	23.005	252	109602	0.193	ng		100
38) Benzo(k)fluoranthene	23.053	252	122058m	0.199	ng		
39) Benzo(a)pyrene	23.611	252	100347	0.193	ng		99
40) Dibenzo(a,h)anthracene	26.137	278	106501	0.198	ng	#	81
41) Benzo(g,h,i)perylene	26.846	276	105585	0.191	ng		99

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

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