Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015754.D
Acq On : 01 Aug 2021 03:49
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WTR-0.2ng
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
8/2/2021 3:49:34 PM

Quant Time: Aug 02 04:32:26 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	38824	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	174346	0.400	ng		# 0.00
13) Acenaphthene-d10	14.421	164	93459	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	177630	0.400	ng		# 0.00
29) Chrysene-d12	21.365	240	163523	0.400	ng		-0.01
35) Perylene-d12	23.707	264	160439	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	33524	0.322	ng		0.00
5) Phenol-d6	6.951	99	38855	0.308	ng		0.00
8) Nitrobenzene-d5	8.936	82	30898	0.282	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	105595	0.402	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	9833	0.243	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	109112	0.305	ng		-0.01
27) Fluoranthene-d10	19.207	212	176904	0.378	ng		0.00
31) Terphenyl-d14	19.812	244	119441	0.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	2294m	0.172	ng		
3) n-Nitrosodimethylamine	3.723	42	4181	0.162	ng	#	98
6) bis(2-Chloroethyl)ether	7.218	93	21511	0.208	ng		100
9) Naphthalene	10.622	128	89335	0.197	ng		100
10) Hexachlorobutadiene	10.913	225	15420	0.193	ng	#	100
12) 2-Methylnaphthalene	12.234	142	58621	0.199	ng		99
16) Acenaphthylene	14.129	152	64937	0.158	ng		100
17) Acenaphthene	14.471	154	48123	0.180	ng		99
18) Fluorene	15.461	166	57637	0.177	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	989	0.072	ng	#	80
21) 4-Bromophenyl-phenylether	16.360	248	17959	0.173	ng	#	77
22) Hexachlorobenzene	16.470	284	21568	0.188	ng		99
23) Atrazine	16.628	200	13015	0.164	ng	#	92
24) Pentachlorophenol	16.823	266	8174	0.190	ng		100
25) Phenanthrene	17.212	178	94056	0.185	ng		100
26) Anthracene	17.297	178	76805	0.167	ng		100
28) Fluoranthene	19.236	202	99165	0.182	ng		100
30) Pyrene	19.599	202	96075	0.176	ng		100
32) Benzo(a)anthracene	21.355	228	86553	0.166	ng		97
33) Chrysene	21.397	228	97124	0.183	ng		100
34) Bis(2-ethylhexyl)phtha...	21.301	149	27684	0.100	ng		100
36) Indeno(1,2,3-cd)pyrene	26.106	276	102108	0.177	ng		100
37) Benzo(b)fluoranthene	22.998	252	97893	0.190	ng		100
38) Benzo(k)fluoranthene	23.043	252	103845	0.187	ng		99
39) Benzo(a)pyrene	23.604	252	81945	0.174	ng		99
40) Dibenzo(a,h)anthracene	26.127	278	85795	0.176	ng		99
41) Benzo(g,h,i)perylene	26.835	276	88132	0.175	ng		100

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

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