Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
Data File : BN017500.D
Acq On : 17 Nov 2021 19:21
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER 0.2ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Quant Time: Nov 18 01:25:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	28238	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	120159	0.400	ng	# 0.00
13) Acenaphthene-d10	14.486	164	60270	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	108231	0.400	ng	0.00
29) Chrysene-d12	21.420	240	83243	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	59594	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	26122	0.389	ng	0.00
5) Phenol-d6	7.035	99	28515	0.394	ng	0.00
8) Nitrobenzene-d5	9.014	82	28321	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	70999	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	5229	0.342	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	97585	0.429	ng	-0.01
27) Fluoranthene-d10	19.268	212	119075	0.368	ng	0.00
31) Terphenyl-d14	19.863	244	93283	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	2060	0.166	ng	# 79
3) n-Nitrosodimethylamine	3.752	42	4447	0.188	ng	# 90
6) bis(2-Chloroethyl)ether	7.293	93	17717	0.229	ng	94
9) Naphthalene	10.712	128	64361	0.213	ng	100
10) Hexachlorobutadiene	11.016	225	13559	0.215	ng	# 100
12) 2-Methylnaphthalene	12.324	142	41334	0.216	ng	99
16) Acenaphthylene	14.206	152	42259	0.188	ng	100
17) Acenaphthene	14.549	154	33970	0.209	ng	99
18) Fluorene	15.539	166	38757	0.207	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	259	0.166	ng	# 44
21) 4-Bromophenyl-phenylether	16.435	248	12032	0.196	ng	# 69
22) Hexachlorobenzene	16.544	284	14595	0.211	ng	98
23) Atrazine	16.702	200	6635	0.190	ng	97
24) Pentachlorophenol	16.885	266	1587	0.177	ng	98
25) Phenanthrene	17.274	178	62847	0.211	ng	100
26) Anthracene	17.359	178	49674	0.201	ng	99
28) Fluoranthene	19.297	202	68536	0.215	ng	100
30) Pyrene	19.655	202	67046	0.224	ng	100
32) Benzo(a)anthracene	21.399	228	51166	0.199	ng	99
33) Chrysene	21.452	228	56790	0.214	ng	98
34) Bis(2-ethylhexyl)phtha...	21.345	149	25601	0.190	ng	99
36) Indeno(1,2,3-cd)pyrene	26.244	276	22480	0.163	ng	# 86
37) Benzo(b)fluoranthene	23.071	252	48890	0.218	ng	# 92
38) Benzo(k)fluoranthene	23.119	252	44563	0.217	ng	# 93
39) Benzo(a)pyrene	23.688	252	35121	0.202	ng	# 94
40) Dibenzo(a,h)anthracene	26.262	278	15386	0.147	ng	# 38
41) Benzo(g,h,i)perylene	26.991	276	23216	0.179	ng	97

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

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