Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015810.D
Acq On : 05 Aug 2021 03:00
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WATER 0.2ng
ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/5/2021 5:08:22 PM

Quant Time: Aug 05 04:06:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 03:12:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	37669	0.400	ng	0.00
7) Naphthalene-d8	10.559	136	167229	0.400	ng	#-0.01
13) Acenaphthene-d10	14.408	164	80794	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	147435	0.400	ng	0.00
29) Chrysene-d12	21.366	240	125040	0.400	ng	# 0.00
35) Perylene-d12	23.704	264	118685	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	23782	0.258	ng	0.00
5) Phenol-d6	6.951	99	31704	0.285	ng	0.00
8) Nitrobenzene-d5	8.924	82	36392	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.159	152	93035	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.906	330	6120	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	88327	0.274	ng	0.00
27) Fluoranthene-d10	19.202	212	134551	0.351	ng	0.00
31) Terphenyl-d14	19.808	244	80820	0.261	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	802	0.066	ng	# 20
3) n-Nitrosodimethylamine	3.724	42	2009	0.080	ng	# 83
6) bis(2-Chloroethyl)ether	7.218	93	23399	0.232	ng	95
9) Naphthalene	10.610	128	89420	0.204	ng	100
10) Hexachlorobutadiene	10.914	225	16373	0.214	ng	# 100
12) 2-Methylnaphthalene	12.230	142	57019	0.202	ng	99
16) Acenaphthylene	14.129	152	69486	0.209	ng	100
17) Acenaphthene	14.472	154	45769	0.197	ng	96
18) Fluorene	15.462	166	53001	0.191	ng	99
20) 4,6-Dinitro-2-methylph...	15.538	198	418	0.047	ng	# 48
21) 4-Bromophenyl-phenylether	16.361	248	17095	0.197	ng	# 85
22) Hexachlorobenzene	16.470	284	23567	0.237	ng	98
23) Atrazine	16.628	200	7069	0.133	ng	94
24) Pentachlorophenol	16.811	266	4027	0.131	ng	99
25) Phenanthrene	17.200	178	88087	0.201	ng	100
26) Anthracene	17.298	178	68061	0.185	ng	100
28) Fluoranthene	19.232	202	88577	0.194	ng	99
30) Pyrene	19.594	202	77996	0.187	ng	100
32) Benzo(a)anthracene	21.344	228	63438	0.166	ng	98
33) Chrysene	21.398	228	79109	0.191	ng	98
34) Bis(2-ethylhexyl)phtha...	21.291	149	18247	0.119	ng	98
36) Indeno(1,2,3-cd)pyrene	26.103	276	68660	0.163	ng	97
37) Benzo(b)fluoranthene	22.999	252	70023	0.170	ng	99
38) Benzo(k)fluoranthene	23.043	252	85950m	0.201	ng	
39) Benzo(a)pyrene	23.601	252	55175	0.161	ng	98
40) Dibenzo(a,h)anthracene	26.124	278	55107	0.157	ng	# 93
41) Benzo(g,h,i)perylene	26.832	276	58738	0.160	ng	98

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

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