Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015795.D
Acq On : 04 Aug 2021 16:03
Operator : CG/JU
Sample : M2262-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:43 PM

Quant Time: Aug 04 16:55:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	43902	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	198635	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	103456	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	194538	0.400	ng	0.00
29) Chrysene-d12	21.376	240	176319	0.400	ng	# 0.01
35) Perylene-d12	23.710	264	177652	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	31906	0.297	ng	0.00
5) Phenol-d6	6.951	99	37642	0.290	ng	0.00
8) Nitrobenzene-d5	8.924	82	33318	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	113618	0.381	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	9125	0.243	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	108629	0.263	ng	0.00
27) Fluoranthene-d10	19.202	212	189376	0.374	ng	0.00
31) Terphenyl-d14	19.813	244	116657	0.267	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2356	0.166	ng	# 83
3) n-Nitrosodimethylamine	3.714	42	5432	0.186	ng	# 98
6) bis(2-Chloroethyl)ether	7.218	93	25774	0.219	ng	100
9) Naphthalene	10.609	128	105002	0.202	ng	99
10) Hexachlorobutadiene	10.914	225	18014	0.198	ng	# 99
12) 2-Methylnaphthalene	12.234	142	69185	0.206	ng	100
16) Acenaphthylene	14.129	152	77504	0.182	ng	100
17) Acenaphthene	14.472	154	57815	0.194	ng	100
18) Fluorene	15.461	166	68805	0.193	ng	100
20) 4,6-Dinitro-2-methylph...	15.538	198	729	0.131	ng	# 74
21) 4-Bromophenyl-phenylether	16.360	248	21148	0.185	ng	90
22) Hexachlorobenzene	16.470	284	25771	0.196	ng	99
23) Atrazine	16.628	200	12802	0.182	ng	96
24) Pentachlorophenol	16.811	266	6317	0.155	ng	99
25) Phenanthrene	17.200	178	112601	0.195	ng	99
26) Anthracene	17.297	178	91594	0.188	ng	100
28) Fluoranthene	19.232	202	117334	0.195	ng	100
30) Pyrene	19.599	202	115398	0.196	ng	100
32) Benzo(a)anthracene	21.355	228	103850	0.193	ng	100
33) Chrysene	21.408	228	111937	0.192	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	38837	0.366	ng	100
36) Indeno(1,2,3-cd)pyrene	26.113	276	113513	0.180	ng	# 92
37) Benzo(b)fluoranthene	23.005	252	114757	0.186	ng	99
38) Benzo(k)fluoranthene	23.050	252	128446m	0.201	ng	
39) Benzo(a)pyrene	23.608	252	100351	0.196	ng	99
40) Dibenzo(a,h)anthracene	26.134	278	91858	0.174	ng	# 74
41) Benzo(g,h,i)perylene	26.839	276	97883	0.178	ng	99

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

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