Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081121\
Data File : BN015850.D
Acq On : 11 Aug 2021 13:30
Operator : CG/JU
Sample : M1458-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
8/12/2021 1:43:31 PM

Quant Time: Aug 11 14:01:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 12:37:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8994	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	44637	0.400	ng		0.00
13) Acenaphthene-d10	14.560	164	25794	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	53353	0.400	ng		#-0.01
29) Chrysene-d12	21.503	240	58494	0.400	ng		# 0.01
35) Perylene-d12	23.929	264	55494	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.484	112	7925	0.338	ng		0.00
5) Phenol-d6	7.080	99	10368	0.327	ng		0.00
8) Nitrobenzene-d5	9.076	82	10586	0.302	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	28182	0.393	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	3285	0.285	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	31850	0.307	ng		-0.01
27) Fluoranthene-d10	19.336	212	62430	0.385	ng		0.00
31) Terphenyl-d14	19.936	244	55078	0.321	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	430	0.114	ng		95
3) n-Nitrosodimethylamine	3.797	42	736	0.080	ng	#	98
6) bis(2-Chloroethyl)ether	7.347	93	2543	0.103	ng		99
9) Naphthalene	10.774	128	11821	0.101	ng		100
10) Hexachlorobutadiene	11.065	225	3133	0.103	ng	#	99
12) 2-Methylnaphthalene	12.385	142	8005	0.098	ng		98
16) Acenaphthylene	14.268	152	9472	0.086	ng		99
17) Acenaphthene	14.611	154	6809	0.093	ng		100
18) Fluorene	15.601	166	8377	0.091	ng		100
20) 4,6-Dinitro-2-methylph...	15.689	198	203	0.039	ng	#	27
21) 4-Bromophenyl-phenylether	16.494	248	2683	0.094	ng		93
22) Hexachlorobenzene	16.616	284	3591	0.097	ng		99
23) Atrazine	16.762	200	2026	0.080	ng		95
24) Pentachlorophenol	16.956	266	748	0.053	ng		98
25) Phenanthrene	17.346	178	14019	0.094	ng		97
26) Anthracene	17.431	178	11855	0.088	ng		99
28) Fluoranthene	19.365	202	16820	0.094	ng		99
30) Pyrene	19.733	202	16704	0.090	ng		99
32) Benzo(a)anthracene	21.482	228	16985	0.089	ng		100
33) Chrysene	21.535	228	17810	0.093	ng		99
34) Bis(2-ethylhexyl)phtha...	21.418	149	6731	0.078	ng		100
36) Indeno(1,2,3-cd)pyrene	26.445	276	17269	0.091	ng	#	96
37) Benzo(b)fluoranthene	23.186	252	18484m	0.095	ng		
38) Benzo(k)fluoranthene	23.234	252	17081	0.095	ng		96
39) Benzo(a)pyrene	23.820	252	16360	0.097	ng	#	90
40) Dibenzo(a,h)anthracene	26.465	278	13973	0.090	ng	#	84
41) Benzo(g,h,i)perylene	27.215	276	15174	0.090	ng		98

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

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