Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081121\
Data File : BN015851.D
Acq On : 11 Aug 2021 14:11
Operator : CG/JU
Sample : M1458-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 11 14:41:53 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	9275	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	46104	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	27298	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	56958	0.400	ng		#-0.01
29) Chrysene-d12	21.504	240	63880	0.400	ng		# 0.01
35) Perylene-d12	23.933	264	59491	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	7064	0.293	ng		0.00
5) Phenol-d6	7.080	99	9305	0.284	ng		0.00
8) Nitrobenzene-d5	9.076	82	9455	0.261	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	28272	0.382	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	3179	0.260	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	28695	0.262	ng		0.00
27) Fluoranthene-d10	19.341	212	65135	0.376	ng		0.00
31) Terphenyl-d14	19.937	244	52756	0.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	646	0.166	ng		86
3) n-Nitrosodimethylamine	3.779	42	1666	0.176	ng	#	98
6) bis(2-Chloroethyl)ether	7.347	93	5312	0.209	ng		99
9) Naphthalene	10.774	128	23936	0.198	ng		99
10) Hexachlorobutadiene	11.066	225	6369	0.204	ng	#	100
12) 2-Methylnaphthalene	12.390	142	16600	0.198	ng		100
16) Acenaphthylene	14.281	152	20571	0.177	ng		100
17) Acenaphthene	14.624	154	14381	0.186	ng		98
18) Fluorene	15.601	166	18177	0.187	ng		100
20) 4,6-Dinitro-2-methylph...	15.677	198	504	0.090	ng	#	75
21) 4-Bromophenyl-phenylether	16.494	248	5822	0.191	ng		96
22) Hexachlorobenzene	16.616	284	7788	0.197	ng		99
23) Atrazine	16.762	200	4605	0.171	ng		97
24) Pentachlorophenol	16.957	266	2641	0.175	ng		97
25) Phenanthrene	17.346	178	29981	0.188	ng		99
26) Anthracene	17.431	178	26224	0.182	ng		100
28) Fluoranthene	19.371	202	36339	0.190	ng		100
30) Pyrene	19.733	202	35871	0.178	ng		100
32) Benzo(a)anthracene	21.482	228	38516	0.186	ng		99
33) Chrysene	21.535	228	38263	0.184	ng		99
34) Bis(2-ethylhexyl)phtha...	21.419	149	14496	0.153	ng		99
36) Indeno(1,2,3-cd)pyrene	26.449	276	38138	0.187	ng		99
37) Benzo(b)fluoranthene	23.190	252	39208	0.189	ng		98
38) Benzo(k)fluoranthene	23.238	252	37982	0.197	ng		98
39) Benzo(a)pyrene	23.823	252	35224	0.196	ng		97
40) Dibenzo(a,h)anthracene	26.469	278	30926	0.187	ng	#	94
41) Benzo(g,h,i)perylene	27.215	276	32962	0.183	ng		100

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

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