Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015780.D
Acq On : 03 Aug 2021 22:09
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER-0.1ng
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:49 PM

Quant Time: Aug 04 02:16:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 02:14:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	40702	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	181255	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	92736	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	175143	0.400	ng		0.00
29) Chrysene-d12	21.365	240	149266	0.400	ng	#	0.00
35) Perylene-d12	23.707	264	146090	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	37890	0.381	ng		0.00
5) Phenol-d6	6.951	99	44042	0.366	ng		0.00
8) Nitrobenzene-d5	8.924	82	33749	0.290	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	90067	0.331	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	9621	0.286	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	122309	0.331	ng		0.00
27) Fluoranthene-d10	19.207	212	145931	0.320	ng		0.00
31) Terphenyl-d14	19.807	244	129010	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1088	0.083	ng		97
3) n-Nitrosodimethylamine	3.742	42	1985	0.073	ng	#	98
6) bis(2-Chloroethyl)ether	7.218	93	11987	0.110	ng		99
9) Naphthalene	10.622	128	49933	0.105	ng		100
10) Hexachlorobutadiene	10.914	225	8436	0.102	ng	#	100
12) 2-Methylnaphthalene	12.234	142	32402	0.106	ng		100
16) Acenaphthylene	14.129	152	33036	0.086	ng		99
17) Acenaphthene	14.472	154	26002	0.097	ng		100
18) Fluorene	15.461	166	30828	0.097	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	333	0.031	ng	#	42
21) 4-Bromophenyl-phenylether	16.360	248	9677	0.094	ng		95
22) Hexachlorobenzene	16.470	284	11688	0.099	ng		100
23) Atrazine	16.628	200	5543	0.088	ng		98
24) Pentachlorophenol	16.811	266	1710	0.047	ng		99
25) Phenanthrene	17.200	178	51774	0.099	ng		99
26) Anthracene	17.297	178	39647	0.091	ng		100
28) Fluoranthene	19.232	202	53421	0.099	ng		100
30) Pyrene	19.599	202	50626	0.102	ng		100
32) Benzo(a)anthracene	21.355	228	41720	0.091	ng		99
33) Chrysene	21.408	228	49848	0.101	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	13586	0.074	ng		99
36) Indeno(1,2,3-cd)pyrene	26.106	276	45955	0.089	ng		96
37) Benzo(b)fluoranthene	22.998	252	47934	0.094	ng		98
38) Benzo(k)fluoranthene	23.046	252	53257m	0.101	ng		
39) Benzo(a)pyrene	23.604	252	38611	0.092	ng		96
40) Dibenzo(a,h)anthracene	26.127	278	37828	0.087	ng	#	88
41) Benzo(g,h,i)perylene	26.835	276	40517	0.090	ng		98

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

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