Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015738.D
Acq On : 31 Jul 2021 16:51
Operator : CG/JU
Sample : M2262-07
Misc : LOD-MDL-WTR-0.1ng
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:46 PM

Quant Time: Aug 02 04:28:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	39049	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	176439	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	92369	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	178673	0.400	ng		0.00
29) Chrysene-d12	21.376	240	162821	0.400	ng		0.00
35) Perylene-d12	23.717	264	176214	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	30818	0.294	ng		0.00
5) Phenol-d6	6.951	99	35465	0.279	ng		0.00
8) Nitrobenzene-d5	8.936	82	31784	0.287	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	105868	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8794	0.220	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	112876	0.319	ng		-0.01
27) Fluoranthene-d10	19.207	212	176446	0.375	ng		0.00
31) Terphenyl-d14	19.812	244	123852	0.313	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1224	0.091	ng	#	87
3) n-Nitrosodimethylamine	3.742	42	1676	0.065	ng	#	91
6) bis(2-Chloroethyl)ether	7.218	93	10709	0.103	ng		100
9) Naphthalene	10.622	128	45080	0.098	ng		100
10) Hexachlorobutadiene	10.913	225	7799	0.096	ng	#	100
12) 2-Methylnaphthalene	12.238	142	29332	0.098	ng		100
16) Acenaphthylene	14.129	152	32006	0.079	ng		100
17) Acenaphthene	14.484	154	23879	0.090	ng		99
18) Fluorene	15.474	166	28376	0.088	ng		99
20) 4,6-Dinitro-2-methylph...	15.550	198	432	0.031	ng	#	45
21) 4-Bromophenyl-phenylether	16.360	248	9039	0.087	ng	#	69
22) Hexachlorobenzene	16.482	284	10702	0.093	ng		99
23) Atrazine	16.640	200	7486	0.094	ng		96
24) Pentachlorophenol	16.823	266	3187	0.074	ng		99
25) Phenanthrene	17.212	178	46325	0.091	ng		99
26) Anthracene	17.297	178	37705	0.082	ng		100
28) Fluoranthene	19.236	202	48912	0.089	ng		100
30) Pyrene	19.599	202	46646	0.086	ng		100
32) Benzo(a)anthracene	21.355	228	41383	0.080	ng		100
33) Chrysene	21.408	228	46224	0.088	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	14285	0.052	ng		100
36) Indeno(1,2,3-cd)pyrene	26.120	276	55741	0.088	ng	#	91
37) Benzo(b)fluoranthene	23.009	252	47560	0.084	ng		97
38) Benzo(k)fluoranthene	23.056	252	56175m	0.092	ng		
39) Benzo(a)pyrene	23.611	252	43226	0.084	ng		96
40) Dibenzo(a,h)anthracene	26.140	278	47750	0.089	ng	#	70
41) Benzo(g,h,i)perylene	26.852	276	47420	0.086	ng		99

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

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