Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015751.D
Acq On : 01 Aug 2021 02:00
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WTR-0.1ng
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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mohammad
8/2/2021 3:49:25 PM

Quant Time: Aug 02 04:31:39 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	42520	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	188583	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	96845	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	181550	0.400	ng		0.00
29) Chrysene-d12	21.365	240	164308	0.400	ng		#-0.01
35) Perylene-d12	23.710	264	167362	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.374	112	32247	0.282	ng		0.00
5) Phenol-d6	6.951	99	36840	0.267	ng		0.00
8) Nitrobenzene-d5	8.936	82	33580	0.283	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	110509	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8522	0.204	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	116546	0.314	ng		-0.01
27) Fluoranthene-d10	19.207	212	174371	0.364	ng		0.00
31) Terphenyl-d14	19.812	244	121778	0.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1491m	0.102	ng		
3) n-Nitrosodimethylamine	3.742	42	1906	0.067	ng	#	96
6) bis(2-Chloroethyl)ether	7.218	93	11406	0.101	ng		100
9) Naphthalene	10.622	128	47752	0.097	ng		100
10) Hexachlorobutadiene	10.914	225	8188	0.095	ng	#	100
12) 2-Methylnaphthalene	12.238	142	30674	0.096	ng		100
16) Acenaphthylene	14.129	152	32060	0.075	ng		100
17) Acenaphthene	14.484	154	24497	0.088	ng		99
18) Fluorene	15.474	166	28757	0.085	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	448	0.032	ng	#	52
21) 4-Bromophenyl-phenylether	16.360	248	8904	0.084	ng	#	70
22) Hexachlorobenzene	16.482	284	10644	0.091	ng		99
23) Atrazine	16.628	200	7158	0.088	ng	#	91
24) Pentachlorophenol	16.823	266	11488	0.261	ng		99
25) Phenanthrene	17.212	178	46906	0.090	ng		99
26) Anthracene	17.297	178	37045	0.079	ng		100
28) Fluoranthene	19.237	202	48609	0.087	ng		100
30) Pyrene	19.599	202	45984	0.084	ng		100
32) Benzo(a)anthracene	21.355	228	39870	0.076	ng		98
33) Chrysene	21.408	228	46464	0.087	ng		97
34) Bis(2-ethylhexyl)phtha...	21.302	149	13216	0.048	ng		99
36) Indeno(1,2,3-cd)pyrene	26.113	276	50388	0.084	ng		97
37) Benzo(b)fluoranthene	23.002	252	46819	0.087	ng		98
38) Benzo(k)fluoranthene	23.046	252	51167m	0.088	ng		
39) Benzo(a)pyrene	23.608	252	39148	0.080	ng		96
40) Dibenzo(a,h)anthracene	26.130	278	42347	0.083	ng	#	90
41) Benzo(g,h,i)perylene	26.842	276	43242	0.082	ng		100

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

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