Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
Data File : BN017527.D
Acq On : 19 Nov 2021 18:04
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER-0.1ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Quant Time: Nov 20 12:27:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	29631	0.400	ng	0.00
7) Naphthalene-d8	10.649	136	132183	0.400	ng	#-0.01
13) Acenaphthene-d10	14.486	164	67773	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	129964	0.400	ng	# 0.00
29) Chrysene-d12	21.409	240	115872	0.400	ng	# 0.00
35) Perylene-d12	23.777	264	102047	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.440	112	26127	0.356	ng	0.00
5) Phenol-d6	7.026	99	29740	0.359	ng	0.00
8) Nitrobenzene-d5	9.001	82	27293	0.314	ng	-0.01
11) 2-Methylnaphthalene-d10	12.244	152	64472	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	6299	0.303	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	92361	0.366	ng	0.00
27) Fluoranthene-d10	19.258	212	115835	0.290	ng	0.00
31) Terphenyl-d14	19.858	244	93966	0.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	1319	0.093	ng	# 82
3) n-Nitrosodimethylamine	3.716	42	2538	0.087	ng	# 95
6) bis(2-Chloroethyl)ether	7.284	93	9093	0.108	ng	94
9) Naphthalene	10.699	128	34520	0.103	ng	99
10) Hexachlorobutadiene	11.003	225	6521	0.099	ng	# 100
12) 2-Methylnaphthalene	12.315	142	21982	0.102	ng	98
16) Acenaphthylene	14.206	152	23117	0.085	ng	100
17) Acenaphthene	14.549	154	17786	0.095	ng	99
18) Fluorene	15.526	166	21076	0.094	ng	100
20) 4,6-Dinitro-2-methylph...	15.640	198	105	0.125	ng	# 1
21) 4-Bromophenyl-phenylether	16.422	248	6396	0.090	ng	# 79
22) Hexachlorobenzene	16.544	284	7496	0.097	ng	96
23) Atrazine	16.690	200	4002	0.085	ng	97
24) Pentachlorophenol	16.897	266	1123	0.232	ng	99
25) Phenanthrene	17.262	178	35517	0.098	ng	99
26) Anthracene	17.359	178	28124	0.090	ng	100
28) Fluoranthene	19.287	202	39238	0.098	ng	99
30) Pyrene	19.650	202	37623	0.096	ng	100
32) Benzo(a)anthracene	21.398	228	32800	0.091	ng	99
33) Chrysene	21.452	228	38023	0.099	ng	99
34) Bis(2-ethylhexyl)phtha...	21.335	149	14075	0.169	ng	99
36) Indeno(1,2,3-cd)pyrene	26.220	276	27444	0.088	ng	# 90
37) Benzo(b)fluoranthene	23.058	252	34552	0.093	ng	# 95
38) Benzo(k)fluoranthene	23.106	252	35459	0.098	ng	# 94
39) Benzo(a)pyrene	23.674	252	28412	0.093	ng	# 94
40) Dibenzo(a,h)anthracene	26.238	278	21729	0.085	ng	# 77
41) Benzo(g,h,i)perylene	26.963	276	23491	0.088	ng	95

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

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