Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
Data File : BN017508.D
Acq On : 18 Nov 2021 14:37
Operator : CG/JU
Sample : M4068-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2021

Quant Time: Nov 19 11:27:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	26393	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	111985	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	55816	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	97378	0.400	ng	0.00
29) Chrysene-d12	21.419	240	69861	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	46241	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	21922	0.349	ng	0.00
5) Phenol-d6	7.035	99	23726	0.351	ng	0.00
8) Nitrobenzene-d5	9.013	82	21241	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	60168	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	3950	0.279	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	77311	0.367	ng	-0.01
27) Fluoranthene-d10	19.267	212	93442	0.321	ng	0.00
31) Terphenyl-d14	19.868	244	67572	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	1869	0.161	ng	# 74
3) n-Nitrosodimethylamine	3.752	42	4167	0.188	ng	93
6) bis(2-Chloroethyl)ether	7.293	93	17359	0.240	ng	93
9) Naphthalene	10.712	128	62093	0.221	ng	100
10) Hexachlorobutadiene	11.016	225	12994	0.221	ng	# 99
12) 2-Methylnaphthalene	12.324	142	39427	0.221	ng	98
16) Acenaphthylene	14.206	152	39242	0.189	ng	100
17) Acenaphthene	14.549	154	32309	0.214	ng	99
18) Fluorene	15.538	166	37263	0.215	ng	100
20) 4,6-Dinitro-2-methylph...	15.614	198	174	0.147	ng	# 31
21) 4-Bromophenyl-phenylether	16.434	248	11225	0.204	ng	# 67
22) Hexachlorobenzene	16.544	284	13762	0.221	ng	97
23) Atrazine	16.702	200	5621	0.178	ng	96
24) Pentachlorophenol	16.884	266	1293	0.168	ng	98
25) Phenanthrene	17.274	178	58354	0.218	ng	100
26) Anthracene	17.371	178	44745	0.202	ng	100
28) Fluoranthene	19.297	202	61041	0.213	ng	100
30) Pyrene	19.659	202	59160	0.236	ng	100
32) Benzo(a)anthracene	21.409	228	40511	0.187	ng	99
33) Chrysene	21.451	228	49403	0.222	ng	99
34) Bis(2-ethylhexyl)phtha...	21.345	149	19300	0.171	ng	99
36) Indeno(1,2,3-cd)pyrene	26.247	276	15738	0.148	ng	# 94
37) Benzo(b)fluoranthene	23.075	252	37193	0.214	ng	# 96
38) Benzo(k)fluoranthene	23.122	252	34419	0.216	ng	# 95
39) Benzo(a)pyrene	23.691	252	26344	0.196	ng	# 93
40) Dibenzo(a,h)anthracene	26.275	278	10414	0.128	ng	# 75
41) Benzo(g,h,i)perylene	26.997	276	17256	0.172	ng	95

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

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