Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023826.D
Acq On : 26 Jan 2023 20:27
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

Quant Time: Jan 27 02:16:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 02:14:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	4262	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	11797	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	6868	0.400	ng	0.00
19) Phenanthrene-d10	17.265	188	15973	0.400	ng	0.00
29) Chrysene-d12	21.464	240	15933	0.400	ng	# 0.00
35) Perylene-d12	23.878	264	14190	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2733	0.308	ng	0.00
5) Phenol-d6	7.045	99	3174	0.302	ng	0.00
8) Nitrobenzene-d5	9.046	82	3065	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.276	152	7105	0.456	ng	0.00
14) 2,4,6-Tribromophenol	16.012	330	825	0.274	ng	0.00
15) 2-Fluorobiphenyl	13.148	172	8744	0.320	ng	0.00
27) Fluoranthene-d10	19.304	212	17577	0.471	ng	0.00
31) Terphenyl-d14	19.899	244	9644	0.319	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	484	0.108	ng	# 94
3) n-Nitrosodimethylamine	3.651	42	449	0.094	ng	# 95
6) bis(2-Chloroethyl)ether	7.305	93	1164	0.110	ng	97
9) Naphthalene	10.733	128	3130	0.106	ng	96
10) Hexachlorobutadiene	11.021	225	631	0.106	ng	# 96
12) 2-Methylnaphthalene	12.352	142	1952	0.103	ng	98
16) Acenaphthylene	14.249	152	2470	0.091	ng	99
17) Acenaphthene	14.581	154	1818	0.099	ng	99
18) Fluorene	15.575	166	2400	0.097	ng	99
20) 4,6-Dinitro-2-methylph...	15.660	198	211	0.092	ng	# 83
21) 4-Bromophenyl-phenylether	16.471	248	822	0.093	ng	# 73
22) Hexachlorobenzene	16.570	284	1023	0.096	ng	98
23) Atrazine	16.732	200	602	0.094	ng	# 89
24) Pentachlorophenol	16.930	266	314	0.084	ng	98
25) Phenanthrene	17.315	178	4080	0.092	ng	99
26) Anthracene	17.402	178	3322	0.092	ng	99
28) Fluoranthene	19.334	202	4745	0.098	ng	99
30) Pyrene	19.696	202	4706	0.087	ng	99
32) Benzo(a)anthracene	21.446	228	4273	0.088	ng	98
33) Chrysene	21.500	228	4959	0.093	ng	99
34) Bis(2-ethylhexyl)phtha...	21.365	149	2296	0.104	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.369	276	5255	0.089	ng	96
37) Benzo(b)fluoranthene	23.138	252	4971	0.093	ng	# 82
38) Benzo(k)fluoranthene	23.188	252	4701	0.089	ng	# 84
39) Benzo(a)pyrene	23.758	252	4338	0.108	ng	# 74
40) Dibenzo(a,h)anthracene	26.392	278	4299	0.090	ng	# 91
41) Benzo(g,h,i)perylene	27.143	276	4687	0.092	ng	96

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

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