Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023684.D
Acq On : 17 Jan 2023 16:21
Operator : CG/JU
Sample : N3980-08
Misc : LOQ-WATER 0.1ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022

Quant Time: Jan 18 05:44:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:42:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.970	152	5175	0.400	ng		0.00
7) Naphthalene-d8	10.786	136	14836	0.400	ng		-0.01
13) Acenaphthene-d10	14.623	164	7866	0.400	ng		-0.01
19) Phenanthrene-d10	17.365	188	16375	0.400	ng		-0.01
29) Chrysene-d12	21.562	240	12196	0.400	ng		-0.01
35) Perylene-d12	24.012	264	9145	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	2870	0.279	ng		0.00
5) Phenol-d6	7.125	99	3658	0.276	ng		-0.01
8) Nitrobenzene-d5	9.132	82	3077	0.276	ng		-0.01
11) 2-Methylnaphthalene-d10	12.374	152	9037	0.441	ng		-0.02
14) 2,4,6-Tribromophenol	16.111	330	818	0.240	ng		-0.01
15) 2-Fluorobiphenyl	13.244	172	9343	0.294	ng		-0.01
27) Fluoranthene-d10	19.401	212	17197	0.429	ng		-0.01
31) Terphenyl-d14	20.000	244	9403	0.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	515	0.111	ng		97
3) n-Nitrosodimethylamine	3.694	42	487	0.094	ng	#	94
6) bis(2-Chloroethyl)ether	7.392	93	1564	0.112	ng		99
9) Naphthalene	10.840	128	4114	0.105	ng		98
10) Hexachlorobutadiene	11.117	225	852	0.107	ng	#	99
12) 2-Methylnaphthalene	12.450	142	3156	0.112	ng		99
16) Acenaphthylene	14.335	152	2962	0.093	ng		100
17) Acenaphthene	14.677	154	2270	0.098	ng		99
18) Fluorene	15.671	166	3062	0.098	ng		100
20) 4,6-Dinitro-2-methylph...	15.751	198	145	0.081	ng	#	1
21) 4-Bromophenyl-phenylether	16.558	248	904	0.097	ng		97
22) Hexachlorobenzene	16.670	284	1287	0.110	ng		100
23) Atrazine	16.831	200	605	0.094	ng	#	94
24) Pentachlorophenol	17.017	266	328	0.081	ng		93
25) Phenanthrene	17.414	178	4690	0.098	ng		99
26) Anthracene	17.501	178	3591	0.093	ng		99
28) Fluoranthene	19.431	202	4949	0.091	ng		98
30) Pyrene	19.797	202	4854	0.104	ng		100
32) Benzo(a)anthracene	21.544	228	3794	0.096	ng		97
33) Chrysene	21.598	228	4599	0.106	ng		97
34) Bis(2-ethylhexyl)phtha...	21.464	149	2243	0.122	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.576	276	4173	0.102	ng		95
37) Benzo(b)fluoranthene	23.261	252	4520	0.116	ng	#	69
38) Benzo(k)fluoranthene	23.311	252	3896	0.102	ng	#	77
39) Benzo(a)pyrene	23.904	252	3640	0.124	ng	#	48
40) Dibenzo(a,h)anthracene	26.600	278	3276	0.100	ng	#	84
41) Benzo(g,h,i)perylene	27.366	276	3299	0.098	ng		91

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

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