Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
Data File : BN024280.D
Acq On : 14 Mar 2023 14:49
Operator : CG/JU
Sample : 01627-08
Misc : LOQ-WATER-0.2ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2023

Quant Time: Mar 15 01:54:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 15 01:49:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	7944	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	23052	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	11452	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	23108	0.400	ng		0.00
29) Chrysene-d12	21.619	240	16518	0.400	ng	#	0.00
35) Perylene-d12	24.135	264	13807	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	7028	0.400	ng		0.00
5) Phenol-d6	7.195	99	9066	0.401	ng		0.00
8) Nitrobenzene-d5	9.211	82	6080	0.395	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	13261	0.468	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1819	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	16473	0.381	ng		0.00
27) Fluoranthene-d10	19.450	212	22743	0.464	ng		0.00
31) Terphenyl-d14	20.042	244	10999	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	1916	0.222	ng		93
3) n-Nitrosodimethylamine	3.764	42	2727	0.215	ng	#	96
6) bis(2-Chloroethyl)ether	7.462	93	4798	0.214	ng		98
9) Naphthalene	10.909	128	11910	0.203	ng		99
10) Hexachlorobutadiene	11.197	225	2313	0.208	ng	#	99
12) 2-Methylnaphthalene	12.516	142	7319	0.185	ng		100
16) Acenaphthylene	14.397	152	10074	0.185	ng		99
17) Acenaphthene	14.739	154	6521	0.189	ng		96
18) Fluorene	15.725	166	7504	0.182	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	310	0.250	ng	#	36
21) 4-Bromophenyl-phenylether	16.606	248	2417	0.176	ng	#	73
22) Hexachlorobenzene	16.730	284	3452	0.205	ng		98
23) Atrazine	16.867	200	1616	0.185	ng	#	90
24) Pentachlorophenol	17.065	266	815	0.208	ng		99
25) Phenanthrene	17.462	178	13044	0.190	ng		100
26) Anthracene	17.549	178	10948	0.173	ng		100
28) Fluoranthene	19.480	202	13484	0.180	ng		99
30) Pyrene	19.842	202	13552	0.202	ng		100
32) Benzo(a)anthracene	21.601	228	9904	0.180	ng		98
33) Chrysene	21.654	228	11515	0.196	ng		99
34) Bis(2-ethylhexyl)phtha...	21.520	149	4727	0.182	ng		98
36) Indeno(1,2,3-cd)pyrene	26.766	276	9433	0.182	ng		99
37) Benzo(b)fluoranthene	23.366	252	10410	0.194	ng	#	89
38) Benzo(k)fluoranthene	23.413	252	10071	0.182	ng	#	90
39) Benzo(a)pyrene	24.024	252	7991	0.162	ng	#	79
40) Dibenzo(a,h)anthracene	26.792	278	6852	0.171	ng		92
41) Benzo(g,h,i)perylene	27.579	276	8831	0.189	ng		96

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

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