Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
Data File : BN024279.D
Acq On : 14 Mar 2023 14:12
Operator : CG/JU
Sample : 01627-08
Misc : LOQ-WATER-0.1ppm
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 15 01:54:37 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	8.040	152	8642	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	25060	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	12345	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	24631	0.400	ng		0.00
29) Chrysene-d12	21.619	240	17712	0.400	ng	#	0.00
35) Perylene-d12	24.135	264	15041	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	6328	0.331	ng		0.00
5) Phenol-d6	7.188	99	8085	0.329	ng		0.00
8) Nitrobenzene-d5	9.200	82	5362	0.320	ng		-0.01
11) 2-Methylnaphthalene-d10	12.440	152	12136	0.394	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1597	0.253	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	14447	0.310	ng		0.00
27) Fluoranthene-d10	19.454	212	20687	0.396	ng		0.00
31) Terphenyl-d14	20.042	244	9566	0.320	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	1046	0.111	ng		95
3) n-Nitrosodimethylamine	3.764	42	1307	0.095	ng		96
6) bis(2-Chloroethyl)ether	7.455	93	2316	0.095	ng		98
9) Naphthalene	10.909	128	5719	0.090	ng		96
10) Hexachlorobutadiene	11.197	225	1108	0.092	ng	#	100
12) 2-Methylnaphthalene	12.516	142	3481	0.081	ng		98
16) Acenaphthylene	14.397	152	4658	0.080	ng		100
17) Acenaphthene	14.739	154	3049	0.082	ng		96
18) Fluorene	15.725	166	3504	0.079	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	133	0.207	ng	#	1
21) 4-Bromophenyl-phenylether	16.606	248	1127	0.077	ng	#	66
22) Hexachlorobenzene	16.730	284	1627	0.091	ng		98
23) Atrazine	16.879	200	716	0.077	ng	#	93
24) Pentachlorophenol	17.078	266	282	0.154	ng		92
25) Phenanthrene	17.462	178	6180	0.085	ng		99
26) Anthracene	17.549	178	4959	0.074	ng		98
28) Fluoranthene	19.480	202	6277	0.079	ng		98
30) Pyrene	19.842	202	6274	0.087	ng		100
32) Benzo(a)anthracene	21.601	228	4727	0.080	ng		98
33) Chrysene	21.663	228	5267	0.083	ng		98
34) Bis(2-ethylhexyl)phtha...	21.520	149	2441	0.088	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.760	276	4343	0.077	ng		97
37) Benzo(b)fluoranthene	23.357	252	4802	0.082	ng	#	71
38) Benzo(k)fluoranthene	23.410	252	4608	0.076	ng	#	72
39) Benzo(a)pyrene	24.015	252	3928	0.073	ng	#	53
40) Dibenzo(a,h)anthracene	26.789	278	3125	0.072	ng	#	80
41) Benzo(g,h,i)perylene	27.576	276	4079	0.080	ng	#	89

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

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