Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
Data File : BN024284.D
Acq On : 14 Mar 2023 17:18
Operator : CG/JU
Sample : 01627-07
Misc : LOD-MDL-WATRER 0.2ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Quant Time: Mar 15 01:56:08 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	7643	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	21824	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	10572	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	21145	0.400	ng		0.00
29) Chrysene-d12	21.610	240	15320	0.400	ng		# 0.00
35) Perylene-d12	24.126	264	13181	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	6605	0.390	ng		0.00
5) Phenol-d6	7.195	99	8560	0.394	ng		0.00
8) Nitrobenzene-d5	9.211	82	5724	0.393	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	12383	0.462	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1665	0.308	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	15316	0.384	ng		0.00
27) Fluoranthene-d10	19.450	212	21028	0.469	ng		0.00
31) Terphenyl-d14	20.043	244	9457	0.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	1814	0.218	ng		95
3) n-Nitrosodimethylamine	3.764	42	2562	0.210	ng		98
6) bis(2-Chloroethyl)ether	7.462	93	4615	0.214	ng		99
9) Naphthalene	10.909	128	11234	0.202	ng		98
10) Hexachlorobutadiene	11.197	225	2221	0.211	ng	#	99
12) 2-Methylnaphthalene	12.516	142	6851	0.183	ng		98
16) Acenaphthylene	14.397	152	9344	0.186	ng		99
17) Acenaphthene	14.740	154	6076	0.190	ng		95
18) Fluorene	15.725	166	6929	0.182	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	288	0.251	ng	#	36
21) 4-Bromophenyl-phenylether	16.606	248	2206	0.175	ng	#	67
22) Hexachlorobenzene	16.730	284	3165	0.205	ng		97
23) Atrazine	16.867	200	1417	0.178	ng	#	88
24) Pentachlorophenol	17.065	266	720	0.205	ng		97
25) Phenanthrene	17.463	178	12024	0.192	ng		99
26) Anthracene	17.549	178	10046	0.174	ng		100
28) Fluoranthene	19.480	202	12452	0.182	ng		99
30) Pyrene	19.842	202	12581	0.203	ng		100
32) Benzo(a)anthracene	21.592	228	9483	0.185	ng		98
33) Chrysene	21.655	228	10614	0.194	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	4672	0.194	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.757	276	9150	0.185	ng		97
37) Benzo(b)fluoranthene	23.354	252	9890	0.193	ng	#	85
38) Benzo(k)fluoranthene	23.410	252	9333	0.176	ng	#	87
39) Benzo(a)pyrene	24.012	252	8070	0.172	ng	#	77
40) Dibenzo(a,h)anthracene	26.784	278	6616	0.173	ng	#	90
41) Benzo(g,h,i)perylene	27.573	276	8356	0.187	ng		95

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

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