Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024310.D
Acq On : 16 Mar 2023 13:40
Operator : CG/JU
Sample : 01627-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

Quant Time: Mar 17 04:41:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	8039	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	22825	0.400	ng		# 0.00
13) Acenaphthene-d10	14.675	164	10522	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	21000	0.400	ng		# 0.00
29) Chrysene-d12	21.610	240	14125	0.400	ng		# 0.00
35) Perylene-d12	24.126	264	10703	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	5790	0.325	ng		0.00
5) Phenol-d6	7.188	99	7492	0.328	ng		0.00
8) Nitrobenzene-d5	9.200	82	5566	0.365	ng		0.00
11) 2-Methylnaphthalene-d10	12.440	152	11065	0.394	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1297	0.241	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	13535	0.341	ng		0.00
27) Fluoranthene-d10	19.446	212	17700	0.398	ng		0.00
31) Terphenyl-d14	20.033	244	7878	0.331	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	1797	0.205	ng		92
3) n-Nitrosodimethylamine	3.764	42	2651	0.207	ng	#	88
6) bis(2-Chloroethyl)ether	7.455	93	4294	0.189	ng		95
9) Naphthalene	10.909	128	10366	0.179	ng		98
10) Hexachlorobutadiene	11.197	225	2005	0.182	ng	#	100
12) 2-Methylnaphthalene	12.512	142	6157	0.157	ng		98
16) Acenaphthylene	14.397	152	8144	0.163	ng		99
17) Acenaphthene	14.739	154	5336	0.168	ng		94
18) Fluorene	15.712	166	5892	0.155	ng		98
20) 4,6-Dinitro-2-methylph...	15.787	198	279	0.249	ng	#	37
21) 4-Bromophenyl-phenylether	16.606	248	1898	0.152	ng	#	83
22) Hexachlorobenzene	16.730	284	2737	0.179	ng		95
23) Atrazine	16.867	200	1200	0.151	ng	#	90
24) Pentachlorophenol	17.065	266	559	0.188	ng		99
25) Phenanthrene	17.462	178	10558	0.170	ng		99
26) Anthracene	17.549	178	8819	0.154	ng		99
28) Fluoranthene	19.475	202	10607	0.156	ng		98
30) Pyrene	19.838	202	10550	0.184	ng		100
32) Benzo(a)anthracene	21.592	228	7510	0.159	ng		99
33) Chrysene	21.646	228	8879	0.176	ng		98
34) Bis(2-ethylhexyl)phtha...	21.502	149	3782	0.170	ng		97
36) Indeno(1,2,3-cd)pyrene	26.751	276	6450	0.161	ng	#	83
37) Benzo(b)fluoranthene	23.351	252	7558	0.182	ng	#	81
38) Benzo(k)fluoranthene	23.407	252	7218	0.168	ng	#	85
39) Benzo(a)pyrene	24.003	252	5671	0.149	ng	#	72
40) Dibenzo(a,h)anthracene	26.772	278	4769	0.154	ng	#	85
41) Benzo(g,h,i)perylene	27.567	276	5989	0.165	ng		92

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

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