Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025571.D
Acq On : 23 May 2023 13:09
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-0.1ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2023

Quant Time: May 24 03:47:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	3538	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	10378	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	6047	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	13366	0.400	ng		0.00
29) Chrysene-d12	21.625	240	9459	0.400	ng		0.00
35) Perylene-d12	24.132	264	9825	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	3361	0.369	ng		0.00
5) Phenol-d6	7.210	99	4407	0.384	ng		0.00
8) Nitrobenzene-d5	9.223	82	3432	0.359	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	7423	0.488	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	880	0.348	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	9601	0.366	ng		0.00
27) Fluoranthene-d10	19.460	212	15048	0.475	ng		0.00
31) Terphenyl-d14	20.049	244	7776	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	457	0.112	ng		93
3) n-Nitrosodimethylamine	3.809	42	329	0.068	ng	#	82
6) bis(2-Chloroethyl)ether	7.478	93	1193	0.113	ng		99
9) Naphthalene	10.931	128	3174	0.110	ng	#	94
10) Hexachlorobutadiene	11.220	225	564	0.112	ng	#	99
12) 2-Methylnaphthalene	12.536	142	2161	0.106	ng		99
16) Acenaphthylene	14.416	152	3187	0.107	ng		99
17) Acenaphthene	14.758	154	2157	0.105	ng		94
18) Fluorene	15.735	166	2663	0.104	ng		98
20) 4,6-Dinitro-2-methylph...	15.809	198	245	0.069	ng	#	27
21) 4-Bromophenyl-phenylether	16.628	248	881	0.111	ng		96
22) Hexachlorobenzene	16.740	284	813	0.115	ng		93
23) Atrazine	16.889	200	774	0.111	ng		91
24) Pentachlorophenol	17.087	266	253	0.063	ng		98
25) Phenanthrene	17.472	178	4739	0.110	ng		99
26) Anthracene	17.559	178	4056	0.104	ng		99
28) Fluoranthene	19.490	202	5037	0.106	ng		98
30) Pyrene	19.852	202	5037	0.118	ng		100
32) Benzo(a)anthracene	21.607	228	4281	0.114	ng		98
33) Chrysene	21.661	228	4385	0.113	ng		99
34) Bis(2-ethylhexyl)phtha...	21.518	149	2730	0.117	ng		100
36) Indeno(1,2,3-cd)pyrene	26.769	276	4992	0.111	ng		95
37) Benzo(b)fluoranthene	23.363	252	4688	0.119	ng	#	74
38) Benzo(k)fluoranthene	23.413	252	4520	0.112	ng	#	86
39) Benzo(a)pyrene	24.027	252	3905	0.107	ng	#	52
40) Dibenzo(a,h)anthracene	26.790	278	3979	0.109	ng	#	82
41) Benzo(g,h,i)perylene	27.582	276	4038	0.105	ng		94

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

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