Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025573.D
Acq On : 23 May 2023 15:12
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-0.2ng
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

Quant Time: May 24 03:48:31 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	3727	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	10855	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	6418	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	14401	0.400	ng		0.00
29) Chrysene-d12	21.611	240	10212	0.400	ng		0.00
35) Perylene-d12	24.113	264	10523	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	3247	0.339	ng		0.00
5) Phenol-d6	7.210	99	4246	0.351	ng		0.00
8) Nitrobenzene-d5	9.223	82	3426	0.343	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7416	0.466	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	838	0.313	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	9701	0.349	ng		0.00
27) Fluoranthene-d10	19.456	212	15317	0.449	ng		0.00
31) Terphenyl-d14	20.044	244	7870	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	820	0.190	ng		94
3) n-Nitrosodimethylamine	3.794	42	657	0.128	ng	#	99
6) bis(2-Chloroethyl)ether	7.478	93	2200	0.199	ng		98
9) Naphthalene	10.931	128	5802	0.193	ng		97
10) Hexachlorobutadiene	11.220	225	1035	0.197	ng	#	99
12) 2-Methylnaphthalene	12.536	142	3907	0.183	ng		100
16) Acenaphthylene	14.416	152	5726	0.182	ng		100
17) Acenaphthene	14.758	154	3815	0.176	ng		93
18) Fluorene	15.734	166	4833	0.178	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	561	0.147	ng	#	67
21) 4-Bromophenyl-phenylether	16.628	248	1539	0.180	ng		90
22) Hexachlorobenzene	16.740	284	1512	0.199	ng		96
23) Atrazine	16.889	200	1380	0.184	ng		96
24) Pentachlorophenol	17.087	266	451	0.105	ng		96
25) Phenanthrene	17.472	178	8356	0.180	ng		100
26) Anthracene	17.571	178	7376	0.175	ng		99
28) Fluoranthene	19.485	202	8903	0.174	ng		99
30) Pyrene	19.848	202	8965	0.194	ng		99
32) Benzo(a)anthracene	21.593	228	7481	0.185	ng		98
33) Chrysene	21.647	228	7862	0.188	ng		98
34) Bis(2-ethylhexyl)phtha...	21.513	149	4856	0.193	ng		99
36) Indeno(1,2,3-cd)pyrene	26.733	276	8603	0.179	ng		97
37) Benzo(b)fluoranthene	23.350	252	8361m	0.197	ng		
38) Benzo(k)fluoranthene	23.397	252	8077	0.187	ng		94
39) Benzo(a)pyrene	23.999	252	6962	0.179	ng	#	79
40) Dibenzo(a,h)anthracene	26.756	278	6795	0.174	ng		94
41) Benzo(g,h,i)perylene	27.537	276	6911	0.168	ng		96

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

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