Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052423\
Data File : BN025584.D
Acq On : 24 May 2023 13:23
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-0.2ng
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Quant Time: May 24 14:10:41 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	3166	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	9429	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	5609	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	12407	0.400	ng		0.00
29) Chrysene-d12	21.616	240	8940	0.400	ng		0.00
35) Perylene-d12	24.135	264	9184	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	2938	0.361	ng		0.00
5) Phenol-d6	7.210	99	3801	0.370	ng		0.00
8) Nitrobenzene-d5	9.223	82	3105	0.358	ng		-0.01
11) 2-Methylnaphthalene-d10	12.460	152	6651	0.481	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	726	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	8914	0.367	ng		0.00
27) Fluoranthene-d10	19.456	212	13525	0.460	ng		0.00
31) Terphenyl-d14	20.049	244	7010	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	767	0.209	ng		97
3) n-Nitrosodimethylamine	3.801	42	613m	0.141	ng		
6) bis(2-Chloroethyl)ether	7.478	93	2024	0.215	ng		97
9) Naphthalene	10.931	128	5245	0.201	ng		96
10) Hexachlorobutadiene	11.220	225	926	0.203	ng	#	99
12) 2-Methylnaphthalene	12.532	142	3525	0.191	ng		99
16) Acenaphthylene	14.416	152	5025	0.183	ng		99
17) Acenaphthene	14.758	154	3464	0.182	ng		95
18) Fluorene	15.734	166	4280	0.180	ng		100
20) 4,6-Dinitro-2-methylph...	15.809	198	543	0.165	ng	#	73
21) 4-Bromophenyl-phenylether	16.628	248	1331	0.181	ng		94
22) Hexachlorobenzene	16.740	284	1343	0.205	ng		100
23) Atrazine	16.889	200	1210	0.187	ng		98
24) Pentachlorophenol	17.075	266	929	0.251	ng		97
25) Phenanthrene	17.472	178	7435	0.186	ng		99
26) Anthracene	17.571	178	6569	0.181	ng		99
28) Fluoranthene	19.490	202	7896	0.179	ng		99
30) Pyrene	19.848	202	7915	0.196	ng		100
32) Benzo(a)anthracene	21.598	228	6720	0.190	ng		98
33) Chrysene	21.652	228	6961	0.190	ng		100
34) Bis(2-ethylhexyl)phtha...	21.517	149	4490	0.204	ng		99
36) Indeno(1,2,3-cd)pyrene	26.769	276	7883	0.188	ng		96
37) Benzo(b)fluoranthene	23.357	252	7553	0.204	ng	#	80
38) Benzo(k)fluoranthene	23.410	252	7171	0.191	ng	#	92
39) Benzo(a)pyrene	24.018	252	6293	0.185	ng	#	66
40) Dibenzo(a,h)anthracene	26.790	278	6211	0.182	ng	#	92
41) Benzo(g,h,i)perylene	27.573	276	6287	0.175	ng		95

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

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