Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023693.D
Acq On : 17 Jan 2023 22:33
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 0.2ng
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 05:50:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:42:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	4536	0.400	ng		0.00
7) Naphthalene-d8	10.808	136	13196	0.400	ng		0.01
13) Acenaphthene-d10	14.634	164	7073	0.400	ng		0.00
19) Phenanthrene-d10	17.390	188	14877	0.400	ng	#	0.01
29) Chrysene-d12	21.580	240	11137	0.400	ng		0.00
35) Perylene-d12	24.042	264	7869	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	2632	0.292	ng		0.00
5) Phenol-d6	7.147	99	3334	0.287	ng		0.00
8) Nitrobenzene-d5	9.153	82	2512	0.253	ng		0.01
11) 2-Methylnaphthalene-d10	12.397	152	7530	0.413	ng		0.00
14) 2,4,6-Tribromophenol	16.136	330	784	0.256	ng		0.01
15) 2-Fluorobiphenyl	13.266	172	7667	0.268	ng		0.01
27) Fluoranthene-d10	19.418	212	15185	0.417	ng		0.00
31) Terphenyl-d14	20.013	244	4885	0.173	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	893	0.220	ng		92
3) n-Nitrosodimethylamine	3.702	42	849	0.186	ng	#	94
6) bis(2-Chloroethyl)ether	7.407	93	2574	0.210	ng		99
9) Naphthalene	10.851	128	6805	0.195	ng		98
10) Hexachlorobutadiene	11.139	225	1440	0.204	ng	#	99
12) 2-Methylnaphthalene	12.469	142	5034	0.201	ng		99
16) Acenaphthylene	14.356	152	5212	0.183	ng		100
17) Acenaphthene	14.698	154	3846	0.184	ng		98
18) Fluorene	15.682	166	5287	0.188	ng		99
20) 4,6-Dinitro-2-methylph...	15.764	198	255	0.158	ng	#	21
21) 4-Bromophenyl-phenylether	16.583	248	1603	0.189	ng	#	84
22) Hexachlorobenzene	16.695	284	2176	0.205	ng		98
23) Atrazine	16.843	200	1056	0.180	ng	#	92
24) Pentachlorophenol	17.042	266	586	0.160	ng		94
25) Phenanthrene	17.427	178	8161	0.187	ng		100
26) Anthracene	17.526	178	6374	0.182	ng		100
28) Fluoranthene	19.452	202	8597	0.175	ng		99
30) Pyrene	19.814	202	8383	0.197	ng		100
32) Benzo(a)anthracene	21.562	228	6318	0.175	ng		99
33) Chrysene	21.616	228	7689	0.194	ng		99
34) Bis(2-ethylhexyl)phtha...	21.482	149	3587	0.213	ng		97
36) Indeno(1,2,3-cd)pyrene	26.629	276	6167	0.175	ng		99
37) Benzo(b)fluoranthene	23.284	252	6880m	0.205	ng		
38) Benzo(k)fluoranthene	23.334	252	6388	0.195	ng	#	91
39) Benzo(a)pyrene	23.930	252	5459	0.215	ng		90
40) Dibenzo(a,h)anthracene	26.647	278	4930	0.175	ng		93
41) Benzo(g,h,i)perylene	27.421	276	5395	0.187	ng		96

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

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