Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023715.D
Acq On : 19 Jan 2023 12:46
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 04:32:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:31:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.999	152	4784	0.400	ng		0.00
7) Naphthalene-d8	10.829	136	12525	0.400	ng	#	0.01
13) Acenaphthene-d10	14.655	164	6328	0.400	ng		0.01
19) Phenanthrene-d10	17.402	188	13720	0.400	ng		0.00
29) Chrysene-d12	21.598	240	11480	0.400	ng		0.00
35) Perylene-d12	24.079	264	9793	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.536	112	2885	0.287	ng		0.01
5) Phenol-d6	7.161	99	3443	0.288	ng		0.01
8) Nitrobenzene-d5	9.174	82	2516	0.254	ng		0.01
11) 2-Methylnaphthalene-d10	12.416	152	8615	0.498	ng		0.01
14) 2,4,6-Tribromophenol	16.148	330	650	0.242	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	7030	0.261	ng		0.01
27) Fluoranthene-d10	19.439	212	13574	0.422	ng		0.00
31) Terphenyl-d14	20.031	244	5139	0.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	1057	0.208	ng		98
3) n-Nitrosodimethylamine	3.709	42	1025	0.173	ng		98
6) bis(2-Chloroethyl)ether	7.421	93	2656	0.216	ng		99
9) Naphthalene	10.872	128	6482	0.200	ng		98
10) Hexachlorobutadiene	11.160	225	1368	0.208	ng	#	99
12) 2-Methylnaphthalene	12.488	142	4399	0.193	ng		99
16) Acenaphthylene	14.377	152	4764	0.185	ng		100
17) Acenaphthene	14.720	154	3437	0.191	ng		99
18) Fluorene	15.703	166	4026	0.158	ng		99
20) 4,6-Dinitro-2-methylph...	15.788	198	282	0.145	ng	#	46
21) 4-Bromophenyl-phenylether	16.595	248	1377	0.175	ng	#	92
22) Hexachlorobenzene	16.707	284	1877	0.195	ng		99
23) Atrazine	16.868	200	950	0.169	ng	#	94
24) Pentachlorophenol	17.054	266	546	0.166	ng		96
25) Phenanthrene	17.452	178	7114	0.178	ng		99
26) Anthracene	17.538	178	5731	0.177	ng		99
28) Fluoranthene	19.469	202	7782	0.179	ng		99
30) Pyrene	19.831	202	7663	0.180	ng		99
32) Benzo(a)anthracene	21.580	228	6141	0.168	ng		99
33) Chrysene	21.634	228	7500	0.184	ng		98
34) Bis(2-ethylhexyl)phtha...	21.500	149	3209	0.197	ng		99
36) Indeno(1,2,3-cd)pyrene	26.696	276	8318	0.190	ng		97
37) Benzo(b)fluoranthene	23.316	252	7632m	0.188	ng		
38) Benzo(k)fluoranthene	23.366	252	7072	0.172	ng	#	94
39) Benzo(a)pyrene	23.968	252	6603	0.220	ng	#	79
40) Dibenzo(a,h)anthracene	26.720	278	6692	0.190	ng		93
41) Benzo(g,h,i)perylene	27.497	276	6606	0.177	ng		96

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

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