Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023827.D
Acq On : 26 Jan 2023 21:04
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 27 02:16:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 02:14:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152	4216	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	11835	0.400	ng		0.00
13) Acenaphthene-d10	14.527	164	7024	0.400	ng		0.00
19) Phenanthrene-d10	17.265	188	16054	0.400	ng		0.00
29) Chrysene-d12	21.464	240	15862	0.400	ng	#	0.00
35) Perylene-d12	23.875	264	13852	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	2679	0.305	ng		0.00
5) Phenol-d6	7.046	99	3157	0.304	ng		0.00
8) Nitrobenzene-d5	9.046	82	2409	0.268	ng		0.00
11) 2-Methylnaphthalene-d10	12.276	152	6932	0.443	ng		0.00
14) 2,4,6-Tribromophenol	16.012	330	820	0.267	ng		0.00
15) 2-Fluorobiphenyl	13.148	172	7056	0.252	ng		0.00
27) Fluoranthene-d10	19.304	212	16543	0.442	ng		0.00
31) Terphenyl-d14	19.903	244	8096	0.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	912	0.205	ng		99
3) n-Nitrosodimethylamine	3.644	42	852	0.181	ng		98
6) bis(2-Chloroethyl)ether	7.306	93	2215	0.211	ng		98
9) Naphthalene	10.733	128	5738	0.194	ng		98
10) Hexachlorobutadiene	11.021	225	1224	0.206	ng	#	99
12) 2-Methylnaphthalene	12.348	142	3830	0.202	ng		96
16) Acenaphthylene	14.239	152	4812	0.173	ng		99
17) Acenaphthene	14.581	154	3487	0.186	ng		100
18) Fluorene	15.575	166	4578	0.180	ng		99
20) 4,6-Dinitro-2-methylph...	15.660	198	382	0.165	ng	#	88
21) 4-Bromophenyl-phenylether	16.459	248	1515	0.170	ng		96
22) Hexachlorobenzene	16.570	284	1937	0.181	ng		99
23) Atrazine	16.732	200	1157	0.179	ng		96
24) Pentachlorophenol	16.930	266	608	0.162	ng		98
25) Phenanthrene	17.315	178	7656	0.172	ng		99
26) Anthracene	17.402	178	6384	0.177	ng		99
28) Fluoranthene	19.334	202	8798	0.180	ng		99
30) Pyrene	19.696	202	8777	0.163	ng		100
32) Benzo(a)anthracene	21.446	228	7887	0.163	ng		99
33) Chrysene	21.500	228	9211	0.173	ng		99
34) Bis(2-ethylhexyl)phtha...	21.374	149	4169	0.191	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.369	276	10085	0.175	ng		97
37) Benzo(b)fluoranthene	23.138	252	9440	0.181	ng		94
38) Benzo(k)fluoranthene	23.188	252	8738	0.169	ng		95
39) Benzo(a)pyrene	23.758	252	8065	0.206	ng		94
40) Dibenzo(a,h)anthracene	26.389	278	8082	0.174	ng		95
41) Benzo(g,h,i)perylene	27.141	276	8763	0.177	ng		96

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

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