Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023714.D
Acq On : 19 Jan 2023 12:08
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 20 04:32:44 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	4439	0.400	ng		0.00
7) Naphthalene-d8	10.818	136	11464	0.400	ng		0.00
13) Acenaphthene-d10	14.655	164	5771	0.400	ng		0.01
19) Phenanthrene-d10	17.402	188	12478	0.400	ng		0.00
29) Chrysene-d12	21.593	240	10150	0.400	ng	#	0.00
35) Perylene-d12	24.078	264	8646	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.529	112	2443	0.262	ng		0.00
5) Phenol-d6	7.161	99	2895	0.261	ng		0.01
8) Nitrobenzene-d5	9.174	82	2403	0.265	ng		0.01
11) 2-Methylnaphthalene-d10	12.412	152	7724	0.487	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	540	0.220	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	6685	0.272	ng		0.01
27) Fluoranthene-d10	19.439	212	13062	0.446	ng		0.00
31) Terphenyl-d14	20.035	244	4821	0.301	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	494	0.105	ng		98
3) n-Nitrosodimethylamine	3.716	42	419	0.076	ng	#	95
6) bis(2-Chloroethyl)ether	7.421	93	1272	0.111	ng		97
9) Naphthalene	10.872	128	3081	0.104	ng		96
10) Hexachlorobutadiene	11.160	225	659	0.109	ng	#	99
12) 2-Methylnaphthalene	12.488	142	2150	0.103	ng		97
16) Acenaphthylene	14.377	152	2185	0.093	ng		99
17) Acenaphthene	14.720	154	1602	0.097	ng		97
18) Fluorene	15.703	166	1959	0.084	ng		99
20) 4,6-Dinitro-2-methylph...	15.788	198	124	0.070	ng	#	1
21) 4-Bromophenyl-phenylether	16.595	248	641	0.090	ng	#	88
22) Hexachlorobenzene	16.707	284	905	0.104	ng		99
23) Atrazine	16.868	200	472	0.092	ng	#	88
24) Pentachlorophenol	17.067	266	256	0.086	ng		94
25) Phenanthrene	17.452	178	3430	0.095	ng		99
26) Anthracene	17.538	178	2766	0.094	ng		99
28) Fluoranthene	19.469	202	3801	0.096	ng		96
30) Pyrene	19.831	202	3731	0.099	ng		100
32) Benzo(a)anthracene	21.584	228	3020	0.094	ng		97
33) Chrysene	21.638	228	3627	0.100	ng		98
34) Bis(2-ethylhexyl)phtha...	21.504	149	2067	0.144	ng		97
36) Indeno(1,2,3-cd)pyrene	26.697	276	3538	0.092	ng		96
37) Benzo(b)fluoranthene	23.318	252	3268	0.091	ng	#	76
38) Benzo(k)fluoranthene	23.364	252	3067	0.084	ng	#	78
39) Benzo(a)pyrene	23.967	252	2683	0.101	ng	#	65
40) Dibenzo(a,h)anthracene	26.721	278	2846	0.092	ng	#	80
41) Benzo(g,h,i)perylene	27.501	276	3024	0.092	ng		91

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

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