Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
Data File : BN023121.D
Acq On : 10 Dec 2022 14:08
Operator : CG/JU
Sample : N4955-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2022

Quant Time: Dec 12 05:28:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:27:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	7199	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	21160	0.400	ng		0.00
13) Acenaphthene-d10	14.655	164	11163	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	24476	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	19144	0.400	ng	#	0.00
35) Perylene-d12	24.050	264	15432	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.550	112	4244	0.317	ng		0.00
5) Phenol-d6	7.168	99	5285	0.310	ng		0.00
8) Nitrobenzene-d5	9.185	82	3866	0.277	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	16364	0.456	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1180	0.291	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	13228	0.297	ng		0.00
27) Fluoranthene-d10	19.435	212	26776	0.467	ng		0.00
31) Terphenyl-d14	20.031	244	9051	0.291	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	1574	0.222	ng		98
3) n-Nitrosodimethylamine	3.738	42	1392	0.200	ng	#	97
6) bis(2-Chloroethyl)ether	7.435	93	4558	0.235	ng		100
9) Naphthalene	10.882	128	11667	0.216	ng		99
10) Hexachlorobutadiene	11.181	225	2365	0.230	ng	#	100
12) 2-Methylnaphthalene	12.113	142	1622	0.202	ng	#	93
16) Acenaphthylene	14.378	152	9091	0.202	ng		100
17) Acenaphthene	14.720	154	6874	0.208	ng		98
18) Fluorene	15.703	166	7878	0.213	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	504	0.144	ng	#	81
21) 4-Bromophenyl-phenylether	16.595	248	2787	0.213	ng	#	87
22) Hexachlorobenzene	16.707	284	3779	0.221	ng		98
23) Atrazine	16.856	200	1708	0.186	ng	#	91
24) Pentachlorophenol	17.054	266	950	0.160	ng		96
25) Phenanthrene	17.439	178	14814	0.203	ng		99
26) Anthracene	17.538	178	11614	0.200	ng		100
28) Fluoranthene	19.464	202	15592	0.200	ng		99
30) Pyrene	19.827	202	14994	0.214	ng		100
32) Benzo(a)anthracene	21.571	228	11951	0.194	ng		99
33) Chrysene	21.625	228	15052	0.217	ng		99
34) Bis(2-ethylhexyl)phtha...	21.491	149	6399	0.245	ng		95
36) Indeno(1,2,3-cd)pyrene	26.617	276	14418	0.208	ng		97
37) Benzo(b)fluoranthene	23.296	252	14069	0.220	ng	#	92
38) Benzo(k)fluoranthene	23.343	252	13413	0.206	ng	#	95
39) Benzo(a)pyrene	23.939	252	12137	0.253	ng	#	85
40) Dibenzo(a,h)anthracene	26.638	278	11245	0.203	ng		96
41) Benzo(g,h,i)perylene	27.407	276	11537	0.195	ng		98

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

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