Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029472.D
Acq On : 01 Feb 2024 05:35
Operator : MA/JU
Sample : 04699-09
Misc : MDL-MDL-WATER-0.2NG
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Quant Time: Feb 01 07:14:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	4333	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	11955	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5493	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10492	0.400	ng	#	0.00
29) Chrysene-d12	21.483	240	6348	0.400	ng		0.00
35) Perylene-d12	23.870	264	6082	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3774	0.363	ng		0.00
5) Phenol-d6	7.060	99	4420	0.368	ng		0.00
8) Nitrobenzene-d5	9.057	82	3327	0.334	ng		0.00
11) 2-Methylnaphthalene-d10	12.287	152	8701	0.534	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	586	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8029	0.340	ng		0.00
27) Fluoranthene-d10	19.322	212	13931	0.548	ng		0.00
31) Terphenyl-d14	19.931	244	5534	0.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1260	0.207	ng		96
3) n-Nitrosodimethylamine	3.716	42	796	0.160	ng	#	90
6) bis(2-Chloroethyl)ether	7.334	93	2202	0.192	ng		98
9) Naphthalene	10.744	128	6344	0.186	ng		98
10) Hexachlorobutadiene	11.021	225	1163	0.180	ng	#	99
12) 2-Methylnaphthalene	12.359	142	3672	0.184	ng		99
16) Acenaphthylene	14.254	152	5070	0.194	ng		99
17) Acenaphthene	14.597	154	3282	0.187	ng		99
18) Fluorene	15.580	166	4082	0.186	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	247	0.160	ng		90
21) 4-Bromophenyl-phenylether	16.486	248	1179	0.189	ng	#	80
22) Hexachlorobenzene	16.585	284	1423	0.186	ng		100
23) Atrazine	16.759	200	878	0.198	ng		96
24) Pentachlorophenol	16.933	266	375	0.154	ng		94
25) Phenanthrene	17.330	178	5975	0.193	ng		100
26) Anthracene	17.417	178	4986	0.188	ng		98
28) Fluoranthene	19.350	202	6012	0.172	ng		99
30) Pyrene	19.717	202	5915	0.202	ng		100
32) Benzo(a)anthracene	21.474	228	4084	0.188	ng		99
33) Chrysene	21.528	228	4565	0.185	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2924	0.198	ng		98
36) Indeno(1,2,3-cd)pyrene	26.332	276	4233	0.173	ng	#	84
37) Benzo(b)fluoranthene	23.145	252	3970	0.183	ng	#	85
38) Benzo(k)fluoranthene	23.192	252	4035	0.177	ng	#	85
39) Benzo(a)pyrene	23.762	252	3522	0.186	ng	#	81
40) Dibenzo(a,h)anthracene	26.364	278	3395	0.174	ng	#	90
41) Benzo(g,h,i)perylene	27.086	276	3955	0.167	ng		94

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

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