Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029423.D
Acq On : 30 Jan 2024 21:56
Operator : MA/JU
Sample : 03572-07
Misc : LOD-MDL-WATER-0.2NG
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Quant Time: Jan 31 02:33:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3612	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	9669	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4431	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	8565	0.400	ng		0.00
29) Chrysene-d12	21.492	240	6043	0.400	ng	#	0.00
35) Perylene-d12	23.870	264	6278	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3070	0.354	ng		0.00
5) Phenol-d6	7.060	99	3571	0.357	ng		0.00
8) Nitrobenzene-d5	9.067	82	2698	0.335	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	6806	0.517	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	478	0.336	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6370	0.335	ng		-0.01
27) Fluoranthene-d10	19.327	212	11515	0.555	ng		0.00
31) Terphenyl-d14	19.935	244	4979	0.332	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1084	0.213	ng		96
3) n-Nitrosodimethylamine	3.716	42	630	0.152	ng		95
6) bis(2-Chloroethyl)ether	7.334	93	1664	0.174	ng		100
9) Naphthalene	10.744	128	4936	0.179	ng		97
10) Hexachlorobutadiene	11.021	225	929	0.178	ng	#	99
12) 2-Methylnaphthalene	12.367	142	2765	0.171	ng		98
16) Acenaphthylene	14.254	152	3894	0.185	ng		99
17) Acenaphthene	14.597	154	2471	0.175	ng		100
18) Fluorene	15.580	166	3065	0.173	ng		100
20) 4,6-Dinitro-2-methylph...	15.667	198	246	0.196	ng	#	57
21) 4-Bromophenyl-phenylether	16.486	248	887	0.174	ng		91
22) Hexachlorobenzene	16.585	284	1120	0.179	ng		99
23) Atrazine	16.759	200	685	0.189	ng	#	92
24) Pentachlorophenol	16.933	266	340	0.172	ng		97
25) Phenanthrene	17.330	178	4637	0.183	ng		99
26) Anthracene	17.417	178	3839	0.178	ng		99
28) Fluoranthene	19.355	202	4860	0.171	ng		99
30) Pyrene	19.717	202	4860	0.175	ng		100
32) Benzo(a)anthracene	21.474	228	3502	0.170	ng		98
33) Chrysene	21.528	228	4169	0.178	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2666	0.190	ng		98
36) Indeno(1,2,3-cd)pyrene	26.341	276	4037	0.160	ng		97
37) Benzo(b)fluoranthene	23.151	252	3575	0.159	ng	#	88
38) Benzo(k)fluoranthene	23.201	252	3559	0.151	ng	#	78
39) Benzo(a)pyrene	23.768	252	3047	0.156	ng	#	81
40) Dibenzo(a,h)anthracene	26.370	278	3170	0.158	ng	#	87
41) Benzo(g,h,i)perylene	27.092	276	3844	0.157	ng	#	93

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

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