Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
Data File : BN029499.D
Acq On : 02 Feb 2024 13:31
Operator : MA/JU
Sample : 02213-09
Misc : MDL-MDL-WATER-0.2NG
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2023

Quant Time: Feb 02 13:58:33 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	4392	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12093	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5578	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10415	0.400	ng		0.00
29) Chrysene-d12	21.483	240	6009	0.400	ng		0.00
35) Perylene-d12	23.867	264	5904	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3843	0.364	ng		0.00
5) Phenol-d6	7.060	99	4551	0.374	ng		0.00
8) Nitrobenzene-d5	9.057	82	3496	0.347	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	8963	0.544	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	578	0.323	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8236	0.344	ng		0.00
27) Fluoranthene-d10	19.317	212	13487	0.535	ng		0.00
31) Terphenyl-d14	19.930	244	5256	0.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	1297	0.210	ng		96
3) n-Nitrosodimethylamine	3.723	42	929	0.184	ng	#	4
6) bis(2-Chloroethyl)ether	7.334	93	2183	0.188	ng		99
9) Naphthalene	10.744	128	6511	0.189	ng		98
10) Hexachlorobutadiene	11.021	225	1185	0.181	ng	#	99
12) 2-Methylnaphthalene	12.359	142	3784	0.187	ng		99
16) Acenaphthylene	14.254	152	5230	0.197	ng		100
17) Acenaphthene	14.596	154	3388	0.190	ng		98
18) Fluorene	15.580	166	4117	0.185	ng		99
20) 4,6-Dinitro-2-methylph...	15.666	198	244	0.159	ng		87
21) 4-Bromophenyl-phenylether	16.486	248	1153	0.186	ng	#	73
22) Hexachlorobenzene	16.585	284	1424	0.187	ng		99
23) Atrazine	16.759	200	847	0.192	ng		97
24) Pentachlorophenol	16.933	266	305	0.127	ng		93
25) Phenanthrene	17.330	178	6029	0.196	ng		100
26) Anthracene	17.417	178	4958	0.189	ng		99
28) Fluoranthene	19.350	202	5842	0.169	ng		100
30) Pyrene	19.712	202	5714	0.207	ng		99
32) Benzo(a)anthracene	21.465	228	3957	0.193	ng		99
33) Chrysene	21.519	228	4304	0.184	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2625	0.188	ng		98
36) Indeno(1,2,3-cd)pyrene	26.326	276	4037	0.170	ng	#	82
37) Benzo(b)fluoranthene	23.142	252	3755	0.178	ng	#	88
38) Benzo(k)fluoranthene	23.192	252	3884	0.176	ng	#	79
39) Benzo(a)pyrene	23.759	252	2976	0.162	ng	#	79
40) Dibenzo(a,h)anthracene	26.358	278	3225	0.171	ng	#	88
41) Benzo(g,h,i)perylene	27.080	276	3840	0.167	ng		93

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

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