Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020124\
Data File : BN029486.D
Acq On : 01 Feb 2024 14:40
Operator : MA/JU
Sample : P1187-09
Misc : MDL-MDL-WATER-0.2NG
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Feb 01 15:47:07 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

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3916	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	10789	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4963	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	9583	0.400	ng	#	0.00
29) Chrysene-d12	21.483	240	5669	0.400	ng		0.00
35) Perylene-d12	23.867	264	5227	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3406	0.362	ng		0.00
5) Phenol-d6	7.060	99	4015	0.370	ng		0.00
8) Nitrobenzene-d5	9.057	82	3050	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	7967	0.542	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	524	0.329	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	7340	0.344	ng		0.00
27) Fluoranthene-d10	19.322	212	12467	0.537	ng		0.00
31) Terphenyl-d14	19.931	244	4815	0.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1048	0.190	ng		93
3) n-Nitrosodimethylamine	3.716	42	808	0.180	ng	#	93
6) bis(2-Chloroethyl)ether	7.334	93	1917	0.185	ng		97
9) Naphthalene	10.744	128	5904	0.192	ng		98
10) Hexachlorobutadiene	11.021	225	1075	0.184	ng	#	100
12) 2-Methylnaphthalene	12.359	142	3440	0.191	ng		97
16) Acenaphthylene	14.254	152	4743	0.201	ng		99
17) Acenaphthene	14.597	154	3015	0.191	ng		99
18) Fluorene	15.580	166	3780	0.190	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	209	0.148	ng		81
21) 4-Bromophenyl-phenylether	16.486	248	1055	0.185	ng	#	76
22) Hexachlorobenzene	16.585	284	1289	0.184	ng		96
23) Atrazine	16.759	200	757	0.187	ng	#	93
24) Pentachlorophenol	16.933	266	248	0.112	ng		91
25) Phenanthrene	17.330	178	5390	0.190	ng		99
26) Anthracene	17.417	178	4524	0.187	ng		99
28) Fluoranthene	19.350	202	5235	0.164	ng		99
30) Pyrene	19.712	202	5301	0.203	ng		100
32) Benzo(a)anthracene	21.474	228	3632	0.188	ng		98
33) Chrysene	21.519	228	4014	0.182	ng		99
34) Bis(2-ethylhexyl)phtha...	21.420	149	2740	0.208	ng		98
36) Indeno(1,2,3-cd)pyrene	26.329	276	3675	0.175	ng	#	82
37) Benzo(b)fluoranthene	23.142	252	3551	0.190	ng	#	86
38) Benzo(k)fluoranthene	23.192	252	3464	0.177	ng	#	79
39) Benzo(a)pyrene	23.762	252	2987	0.183	ng	#	76
40) Dibenzo(a,h)anthracene	26.358	278	3016m	0.180	ng		
41) Benzo(g,h,i)perylene	27.080	276	3537	0.174	ng		92

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

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