Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029431.D
Acq On : 31 Jan 2024 02:44
Operator : MA/JU
Sample : 04699-07
Misc : LOD-MDL-WATER-0.2NG
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Jan 31 03:12:24 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	3628	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	9724	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4421	0.400	ng		-0.01
19) Phenanthrene-d10	17.292	188	8906	0.400	ng		# 0.00
29) Chrysene-d12	21.492	240	6150	0.400	ng		# 0.00
35) Perylene-d12	23.870	264	6436	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	3050	0.350	ng		0.00
5) Phenol-d6	7.060	99	3666	0.365	ng		0.00
8) Nitrobenzene-d5	9.067	82	2777	0.343	ng		0.00
11) 2-Methylnaphthalene-d10	12.287	152	6923	0.523	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	481	0.339	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6534	0.344	ng		-0.01
27) Fluoranthene-d10	19.322	212	12183	0.565	ng		0.00
31) Terphenyl-d14	19.930	244	5032	0.330	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	1063	0.208	ng		97
3) n-Nitrosodimethylamine	3.716	42	637	0.153	ng	#	95
6) bis(2-Chloroethyl)ether	7.334	93	1598	0.167	ng		94
9) Naphthalene	10.744	128	4981	0.180	ng		97
10) Hexachlorobutadiene	11.021	225	951	0.181	ng	#	99
12) 2-Methylnaphthalene	12.363	142	2786	0.171	ng		96
16) Acenaphthylene	14.254	152	3892	0.185	ng		99
17) Acenaphthene	14.596	154	2546	0.181	ng		98
18) Fluorene	15.580	166	3197	0.181	ng		98
20) 4,6-Dinitro-2-methylph...	15.666	198	254	0.194	ng	#	74
21) 4-Bromophenyl-phenylether	16.486	248	906	0.171	ng	#	88
22) Hexachlorobenzene	16.585	284	1144	0.176	ng		99
23) Atrazine	16.759	200	704	0.187	ng	#	91
24) Pentachlorophenol	16.932	266	365	0.177	ng		92
25) Phenanthrene	17.330	178	4735	0.180	ng		99
26) Anthracene	17.417	178	4000	0.178	ng		99
28) Fluoranthene	19.354	202	4984	0.168	ng		100
30) Pyrene	19.717	202	4995	0.176	ng		99
32) Benzo(a)anthracene	21.474	228	3601	0.171	ng		97
33) Chrysene	21.528	228	4165	0.174	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2581	0.180	ng		99
36) Indeno(1,2,3-cd)pyrene	26.338	276	4093	0.158	ng		94
37) Benzo(b)fluoranthene	23.148	252	3726	0.162	ng	#	88
38) Benzo(k)fluoranthene	23.198	252	3680	0.153	ng	#	79
39) Benzo(a)pyrene	23.768	252	3259	0.162	ng	#	83
40) Dibenzo(a,h)anthracene	26.370	278	3286m	0.159	ng		
41) Benzo(g,h,i)perylene	27.089	276	3922m	0.156	ng		

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

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