Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023110.D
Acq On : 09 Dec 2022 17:05
Operator : CG/JU
Sample : N4955-07
Misc : LOD-MDL-WATER 0.2ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Quant Time: Dec 10 03:25:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 03:22:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	7514	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	22090	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	11520	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	24926	0.400	ng		#-0.01
29) Chrysene-d12	21.598	240	20068	0.400	ng		0.00
35) Perylene-d12	24.056	264	18643	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	4461	0.319	ng		0.00
5) Phenol-d6	7.168	99	5489	0.309	ng		0.00
8) Nitrobenzene-d5	9.185	82	3941	0.271	ng		0.00
11) 2-Methylnaphthalene-d10	12.424	152	16686	0.445	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1180	0.282	ng		0.00
15) 2-Fluorobiphenyl	13.298	172	13363	0.290	ng		0.00
27) Fluoranthene-d10	19.439	212	26771	0.459	ng		0.00
31) Terphenyl-d14	20.031	244	9776	0.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	1579	0.213	ng		99
3) n-Nitrosodimethylamine	3.738	42	1482	0.203	ng		97
6) bis(2-Chloroethyl)ether	7.435	93	4554	0.225	ng		98
9) Naphthalene	10.893	128	11906	0.212	ng		100
10) Hexachlorobutadiene	11.181	225	2343	0.218	ng	#	99
12) 2-Methylnaphthalene	12.117	142	1648	0.197	ng	#	91
16) Acenaphthylene	14.388	152	9143	0.197	ng		100
17) Acenaphthene	14.730	154	6891	0.202	ng		99
18) Fluorene	15.703	166	7547	0.198	ng		100
20) 4,6-Dinitro-2-methylph...	15.776	198	490	0.138	ng	#	69
21) 4-Bromophenyl-phenylether	16.595	248	2682	0.202	ng		96
22) Hexachlorobenzene	16.719	284	3656	0.210	ng		98
23) Atrazine	16.868	200	1753	0.187	ng		98
24) Pentachlorophenol	17.054	266	989	0.163	ng		98
25) Phenanthrene	17.452	178	14494	0.195	ng		100
26) Anthracene	17.539	178	11552	0.195	ng		100
28) Fluoranthene	19.469	202	15482	0.195	ng		99
30) Pyrene	19.831	202	15047	0.205	ng		100
32) Benzo(a)anthracene	21.580	228	12269	0.190	ng		100
33) Chrysene	21.634	228	15145	0.208	ng		99
34) Bis(2-ethylhexyl)phtha...	21.500	149	5718	0.209	ng		98
36) Indeno(1,2,3-cd)pyrene	26.626	276	18420	0.220	ng		96
37) Benzo(b)fluoranthene	23.305	252	16314m	0.211	ng		
38) Benzo(k)fluoranthene	23.352	252	14976	0.191	ng		95
39) Benzo(a)pyrene	23.948	252	15033	0.259	ng	#	68
40) Dibenzo(a,h)anthracene	26.647	278	14537	0.217	ng		96
41) Benzo(g,h,i)perylene	27.418	276	13902	0.194	ng		98

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

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