Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023679.D
Acq On : 17 Jan 2023 13:13
Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 05:34:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:31:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	5027	0.400	ng		0.01
7) Naphthalene-d8	10.776	136	14483	0.400	ng	#	0.01
13) Acenaphthene-d10	14.613	164	7744	0.400	ng		0.01
19) Phenanthrene-d10	17.365	188	16220	0.400	ng	#	0.01
29) Chrysene-d12	21.553	240	12295	0.400	ng		0.00
35) Perylene-d12	23.998	264	8754	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.500	112	3091	0.310	ng		0.00
5) Phenol-d6	7.118	99	3920	0.305	ng		0.01
8) Nitrobenzene-d5	9.132	82	2867	0.263	ng		0.02
11) 2-Methylnaphthalene-d10	12.367	152	8572	0.429	ng		0.01
14) 2,4,6-Tribromophenol	16.111	330	878	0.262	ng		0.01
15) 2-Fluorobiphenyl	13.234	172	8692	0.278	ng		0.01
27) Fluoranthene-d10	19.393	212	16826	0.424	ng		0.00
31) Terphenyl-d14	19.991	244	9964	0.320	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.341	88	1007	0.223	ng		93
3) n-Nitrosodimethylamine	3.687	42	1004	0.199	ng	#	96
6) bis(2-Chloroethyl)ether	7.385	93	2953	0.218	ng		100
9) Naphthalene	10.829	128	7703	0.201	ng		99
10) Hexachlorobutadiene	11.117	225	1625	0.210	ng	#	99
12) 2-Methylnaphthalene	12.442	142	5712	0.208	ng		99
16) Acenaphthylene	14.335	152	5776	0.185	ng		100
17) Acenaphthene	14.677	154	4360	0.190	ng		98
18) Fluorene	15.660	166	5909	0.192	ng		100
20) 4,6-Dinitro-2-methylph...	15.739	198	289	0.164	ng	#	31
21) 4-Bromophenyl-phenylether	16.558	248	1758	0.190	ng	#	80
22) Hexachlorobenzene	16.670	284	2428	0.210	ng		99
23) Atrazine	16.819	200	1182	0.185	ng	#	94
24) Pentachlorophenol	17.017	266	685	0.171	ng		97
25) Phenanthrene	17.402	178	9038	0.190	ng		99
26) Anthracene	17.489	178	7121	0.187	ng		100
28) Fluoranthene	19.427	202	9546	0.178	ng		100
30) Pyrene	19.789	202	9261	0.197	ng		100
32) Benzo(a)anthracene	21.536	228	7526	0.189	ng		99
33) Chrysene	21.589	228	8735	0.200	ng		99
34) Bis(2-ethylhexyl)phtha...	21.464	149	3823	0.206	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.556	276	7273	0.185	ng		99
37) Benzo(b)fluoranthene	23.249	252	7947m	0.212	ng		
38) Benzo(k)fluoranthene	23.296	252	7309	0.201	ng	#	92
39) Benzo(a)pyrene	23.887	252	6338	0.225	ng	#	88
40) Dibenzo(a,h)anthracene	26.571	278	5686	0.181	ng	#	93
41) Benzo(g,h,i)perylene	27.337	276	6173	0.192	ng		96

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

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