Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023667.D
Acq On : 16 Jan 2023 16:34
Operator : CG/JU
Sample : N3214-08
Misc : LOQ-WATER 0.2ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022

Quant Time: Jan 17 04:34:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	4820	0.400	ng		0.00
7) Naphthalene-d8	10.754	136	14090	0.400	ng	#	0.00
13) Acenaphthene-d10	14.591	164	7405	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	15715	0.400	ng		0.00
29) Chrysene-d12	21.536	240	12124	0.400	ng	#	0.00
35) Perylene-d12	23.971	264	9154	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.486	112	2732	0.285	ng		0.00
5) Phenol-d6	7.103	99	3457	0.280	ng		0.00
8) Nitrobenzene-d5	9.110	82	2650	0.250	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	7878	0.405	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	804	0.251	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	7977	0.267	ng		0.00
27) Fluoranthene-d10	19.380	212	15590	0.405	ng		0.00
31) Terphenyl-d14	19.979	244	8624	0.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	851	0.197	ng		99
3) n-Nitrosodimethylamine	3.680	42	863	0.178	ng	#	96
6) bis(2-Chloroethyl)ether	7.363	93	2687	0.207	ng		99
9) Naphthalene	10.808	128	7113	0.191	ng		99
10) Hexachlorobutadiene	11.096	225	1491	0.198	ng	#	96
12) 2-Methylnaphthalene	12.424	142	5323	0.199	ng		98
16) Acenaphthylene	14.313	152	5201	0.174	ng		100
17) Acenaphthene	14.656	154	4018	0.183	ng		99
18) Fluorene	15.650	166	5359	0.182	ng		100
20) 4,6-Dinitro-2-methylph...	15.726	198	262	0.153	ng	#	51
21) 4-Bromophenyl-phenylether	16.533	248	1648	0.184	ng		96
22) Hexachlorobenzene	16.645	284	2241	0.200	ng		99
23) Atrazine	16.806	200	1088	0.176	ng		96
24) Pentachlorophenol	16.992	266	633	0.163	ng		96
25) Phenanthrene	17.390	178	8479	0.184	ng		99
26) Anthracene	17.477	178	6449	0.175	ng		100
28) Fluoranthene	19.410	202	8941	0.172	ng		100
30) Pyrene	19.772	202	8722	0.188	ng		100
32) Benzo(a)anthracene	21.527	228	6964	0.178	ng		99
33) Chrysene	21.580	228	8201	0.190	ng		98
34) Bis(2-ethylhexyl)phtha...	21.446	149	3859	0.211	ng		98
36) Indeno(1,2,3-cd)pyrene	26.503	276	7233	0.176	ng		98
37) Benzo(b)fluoranthene	23.229	252	8018	0.205	ng	#	91
38) Benzo(k)fluoranthene	23.276	252	7167	0.188	ng	#	90
39) Benzo(a)pyrene	23.863	252	6286	0.213	ng	#	86
40) Dibenzo(a,h)anthracene	26.521	278	5708	0.174	ng	#	92
41) Benzo(g,h,i)perylene	27.281	276	6054	0.180	ng		96

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

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