Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN019006.D
Acq On : 17 Mar 2022 22:07
Operator : CG/JU
Sample : N1645-07
Misc : LOD-MDL-WATER 0.2ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

Quant Time: Mar 18 12:11:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 12:09:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	5305	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	14002	0.400	ng	#	0.00
13) Acenaphthene-d10	14.495	164	8760	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	17577	0.400	ng	#	0.00
29) Chrysene-d12	21.422	240	10446	0.400	ng	#	0.00
35) Perylene-d12	23.790	264	7562	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4526	0.381	ng		0.00
5) Phenol-d6	7.009	99	4226	0.339	ng		0.00
8) Nitrobenzene-d5	9.014	82	3250	0.322	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	8058	0.347	ng		0.00
14) 2,4,6-Tribromophenol	15.985	330	1144	0.271	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	12909	0.368	ng		-0.01
27) Fluoranthene-d10	19.265	212	17191	0.330	ng		0.00
31) Terphenyl-d14	19.864	244	9973	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1344	0.205	ng		95
3) n-Nitrosodimethylamine	3.579	42	1388	0.182	ng	#	95
6) bis(2-Chloroethyl)ether	7.269	93	2743	0.185	ng		97
9) Naphthalene	10.712	128	7664	0.192	ng		99
10) Hexachlorobutadiene	11.011	225	1866	0.191	ng	#	100
12) 2-Methylnaphthalene	12.325	142	5156	0.190	ng		98
16) Acenaphthylene	14.207	152	6796	0.167	ng		99
17) Acenaphthene	14.549	154	5136	0.180	ng		97
18) Fluorene	15.543	166	6264	0.174	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	219	0.101	ng	#	15
21) 4-Bromophenyl-phenylether	16.426	248	1822	0.164	ng	#	87
22) Hexachlorobenzene	16.549	284	2729	0.191	ng		100
23) Atrazine	16.692	200	1311	0.158	ng		95
24) Pentachlorophenol	16.897	266	613	0.140	ng		89
25) Phenanthrene	17.277	178	9521	0.173	ng		99
26) Anthracene	17.369	178	7080	0.152	ng		99
28) Fluoranthene	19.295	202	10755	0.167	ng		98
30) Pyrene	19.657	202	10642	0.205	ng		99
32) Benzo(a)anthracene	21.404	228	4794	0.149	ng		97
33) Chrysene	21.458	228	8115	0.187	ng		99
34) Bis(2-ethylhexyl)phtha...	21.333	149	3341	0.157	ng		99
36) Indeno(1,2,3-cd)pyrene	26.261	276	5143m	0.188	ng		
37) Benzo(b)fluoranthene	23.071	252	4873	0.177	ng	#	81
38) Benzo(k)fluoranthene	23.121	252	7359m	0.195	ng		
39) Benzo(a)pyrene	23.688	252	4579	0.182	ng	#	63
40) Dibenzo(a,h)anthracene	26.276	278	3800m	0.179	ng		
41) Benzo(g,h,i)perylene	26.995	276	4947	0.185	ng	#	91

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

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