Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018685.D
Acq On : 22 Feb 2022 20:08
Operator : CG/JU
Sample : N1587-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PRPH-1-GW

Quant Time: Feb 23 02:17:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	4	0.400	ng	# 0.00
7) Naphthalene-d8	10.701	136	7	0.400	ng	#-0.02
13) Acenaphthene-d10	14.538	164	4	0.400	ng	#-0.01
19) Phenanthrene-d10	17.297	188	10	0.400	ng	# 0.01
29) Chrysene-d12	21.476	240	75	0.400	ng	# 0.00
35) Perylene-d12	23.861	264	7	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	2	0.218	ng	0.00
5) Phenol-d6	7.067	99	2	0.190	ng	0.00
8) Nitrobenzene-d5	9.025	82	4	0.739	ng	-0.04
11) 2-Methylnaphthalene-d10	12.272	152	1	0.095	ng	-0.04
14) 2,4,6-Tribromophenol	16.046	330	1	0.640	ng	0.02
15) 2-Fluorobiphenyl	13.191	172	17	0.897	ng	0.01
27) Fluoranthene-d10	19.320	212	5	0.184	ng	0.00
31) Terphenyl-d14	19.915	244	21	0.129	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	1	0.215	ng	# 1
3) n-Nitrosodimethylamine	3.608	42	10	2.170	ng	# 1
6) bis(2-Chloroethyl)ether	7.342	93	3	0.277	ng	# 20
9) Naphthalene	10.754	128	5	0.248	ng	# 1
16) Acenaphthylene	14.271	152	8	0.422	ng	# 61
17) Acenaphthene	14.634	154	10	0.764	ng	# 4
18) Fluorene	15.607	166	29	1.839	ng	# 80
21) 4-Bromophenyl-phenylether	16.497	248	3	0.422	ng	# 62
22) Hexachlorobenzene	16.600	284	18	2.023	ng	# 20
23) Atrazine	16.754	200	1	0.255	ng	# 5
24) Pentachlorophenol	16.928	266	2	0.864	ng	# 1
25) Phenanthrene	17.338	178	48	1.434	ng	# 71
26) Anthracene	17.431	178	20	0.706	ng	# 73
28) Fluoranthene	19.350	202	85	2.430	ng	# 94
30) Pyrene	19.712	202	83	0.248	ng	# 91
32) Benzo(a)anthracene	21.467	228	72	0.253	ng	# 1
33) Chrysene	21.512	228	111	0.350	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.378	149	28	0.242	ng	# 8
36) Indeno(1,2,3-cd)pyrene	26.340	276	29	0.785	ng	# 64
37) Benzo(b)fluoranthene	23.138	252	86	2.704	ng	# 1
38) Benzo(k)fluoranthene	23.138	252	28	0.888	ng	# 1
39) Benzo(a)pyrene	23.755	252	15	0.592	ng	# 1
40) Dibenzo(a,h)anthracene	26.372	278	4	0.139	ng	# 1
41) Benzo(g,h,i)perylene	27.094	276	32	1.012	ng	# 1

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

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