Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021490.D
Acq On : 31 Aug 2022 14:43
Operator : CG/JU
Sample : N4297-18MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20220821MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 03:19:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.076	152	5782	0.400	ng		0.00
7) Naphthalene-d8	10.898	136	17738	0.400	ng		-0.01
13) Acenaphthene-d10	14.728	164	9300	0.400	ng		0.00
19) Phenanthrene-d10	17.470	188	18840	0.400	ng		#-0.01
29) Chrysene-d12	21.664	240	13193	0.400	ng		# 0.00
35) Perylene-d12	24.194	264	9128	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.599	112	1719	0.152	ng		0.00
5) Phenol-d6	7.224	99	1364	0.095	ng		0.00
8) Nitrobenzene-d5	9.243	82	3481	0.291	ng		-0.01
11) 2-Methylnaphthalene-d10	12.490	152	11843m	0.296	ng		0.00
14) 2,4,6-Tribromophenol	16.218	330	888	0.291	ng		0.00
15) 2-Fluorobiphenyl	13.349	172	12800	0.315	ng		-0.01
27) Fluoranthene-d10	19.505	212	18846	0.389	ng		0.00
31) Terphenyl-d14	20.097	244	13227	0.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	3543	0.490	ng		97
3) n-Nitrosodimethylamine	3.750	42	858	0.132	ng		99
6) bis(2-Chloroethyl)ether	7.484	93	5507	0.303	ng		97
9) Naphthalene	10.951	128	15304	0.291	ng		99
10) Hexachlorobutadiene	11.240	225	2397	0.264	ng	#	100
12) 2-Methylnaphthalene	12.183	142	1927	0.347	ng		99
16) Acenaphthylene	14.450	152	12591	0.288	ng		100
17) Acenaphthene	14.782	154	9078	0.295	ng		99
18) Fluorene	15.776	166	11301	0.298	ng		100
21) 4-Bromophenyl-phenylether	16.659	248	3788	0.321	ng	#	87
22) Hexachlorobenzene	16.772	284	4247	0.295	ng		99
23) Atrazine	16.926	200	2466	0.358	ng		97
24) Pentachlorophenol	17.121	266	1539	0.558	ng		98
25) Phenanthrene	17.511	178	20752	0.319	ng		100
26) Anthracene	17.603	178	16615	0.322	ng		99
28) Fluoranthene	19.535	202	23875	0.353	ng		100
30) Pyrene	19.897	202	27832	0.396	ng		96
32) Benzo(a)anthracene	21.655	228	18069	0.393	ng		99
33) Chrysene	21.709	228	19435	0.355	ng		99
34) Bis(2-ethylhexyl)phtha...	21.565	149	8045	0.435	ng		99
36) Indeno(1,2,3-cd)pyrene	26.851	276	14270	0.346	ng		100
37) Benzo(b)fluoranthene	23.416	252	16633	0.370	ng		99
38) Benzo(k)fluoranthene	23.466	252	16156	0.357	ng		100
39) Benzo(a)pyrene	24.077	252	12640	0.403	ng		99
40) Dibenzo(a,h)anthracene	26.875	278	12114	0.365	ng		96
41) Benzo(g,h,i)perylene	27.667	276	12837	0.353	ng		100

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

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