Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040522\
Data File : BN019358.D
Acq On : 05 Apr 2022 20:05
Operator : CG/JU
Sample : N2220-12 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A05015

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/07/2022

Quant Time: Apr 06 02:32:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	2486	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	7957	0.400	ng	# 0.01
13) Acenaphthene-d10	14.463	164	6052	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	13685	0.400	ng	0.00
29) Chrysene-d12	21.387	240	14763	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	14712	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	315	0.047	ng	0.00
5) Phenol-d6	7.009	99	248	0.031	ng	0.02
8) Nitrobenzene-d5	9.014	82	173	0.024	ng	0.03
11) 2-Methylnaphthalene-d10	12.231	152	682	0.049	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	142	0.039	ng	0.01
15) 2-Fluorobiphenyl	13.095	172	942	0.037	ng	0.00
27) Fluoranthene-d10	19.236	212	1836	0.042	ng	0.00
31) Terphenyl-d14	19.830	244	1217	0.038	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	1237	0.053	ng	# 76
12) 2-Methylnaphthalene	12.306	142	819	0.050	ng	# 92
16) Acenaphthylene	14.185	152	1967	0.065	ng	99
17) Acenaphthene	14.527	154	679	0.034	ng	98
18) Fluorene	15.522	166	570	0.022	ng	94
25) Phenanthrene	17.246	178	16442	0.358	ng	100
26) Anthracene	17.338	178	3522	0.087	ng	# 95
28) Fluoranthene	19.265	202	42898	0.788	ng	99
30) Pyrene	19.628	202	38474	0.560	ng	# 95
32) Benzo(a)anthracene	21.378	228	21195	0.389	ng	95
33) Chrysene	21.422	228	23076	0.381	ng	96
34) Bis(2-ethylhexyl)phtha...	21.306	149	1967	0.048	ng	97
36) Indeno(1,2,3-cd)pyrene	26.159	276	13914	0.226	ng	# 86
37) Benzo(b)fluoranthene	23.024	252	31914	0.554	ng	93
38) Benzo(k)fluoranthene	23.065	252	12097m	0.201	ng	
39) Benzo(a)pyrene	23.635	252	19506	0.377	ng	96
40) Dibenzo(a,h)anthracene	26.170	278	2749	0.058	ng	# 50
41) Benzo(g,h,i)perylene	26.904	276	15476	0.271	ng	97

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

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