Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019340.D
Acq On : 05 Apr 2022 05:58
Operator : CG/JU
Sample : N2237-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A12040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

Quant Time: Apr 05 07:49:24 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	7.825	152	6037	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	18715	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	11998	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	24612	0.400	ng	# 0.00
29) Chrysene-d12	21.386	240	18592	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	14388	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	727	0.045	ng	0.00
5) Phenol-d6	6.995	99	708	0.036	ng	0.00
8) Nitrobenzene-d5	9.003	82	541	0.032	ng	0.02
11) 2-Methylnaphthalene-d10	12.227	152	1510	0.046	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	223	0.031	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	2181	0.044	ng	0.00
27) Fluoranthene-d10	19.236	212	3013	0.038	ng	0.00
31) Terphenyl-d14	19.834	244	1807	0.045	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	5296	0.096	ng	96
12) 2-Methylnaphthalene	12.299	142	1888	0.049	ng	# 93
16) Acenaphthylene	14.185	152	2435	0.041	ng	97
17) Acenaphthene	14.527	154	2472	0.062	ng	98
18) Fluorene	15.511	166	4227	0.081	ng	95
25) Phenanthrene	17.246	178	62982	0.763	ng	100
26) Anthracene	17.338	178	12492	0.172	ng	99
28) Fluoranthene	19.265	202	97046	0.991	ng	99
30) Pyrene	19.624	202	80290	0.928	ng	# 95
32) Benzo(a)anthracene	21.368	228	33951	0.494	ng	97
33) Chrysene	21.422	228	35239	0.462	ng	97
34) Bis(2-ethylhexyl)phtha...	21.306	149	1861	0.036	ng	# 92
36) Indeno(1,2,3-cd)pyrene	26.164	276	10411	0.173	ng	# 88
37) Benzo(b)fluoranthene	23.024	252	35545	0.630	ng	96
38) Benzo(k)fluoranthene	23.068	252	10929m	0.185	ng	
39) Benzo(a)pyrene	23.635	252	20451	0.404	ng	95
40) Dibenzo(a,h)anthracene	26.176	278	2270	0.049	ng	# 54
41) Benzo(g,h,i)perylene	26.904	276	11244	0.201	ng	94

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

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