Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
Data File : BN025345.D
Acq On : 08 May 2023 22:34
Operator : CG/JU
Sample : 02588-01DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 50

Instrument :
BNA_N
ClientSampleId :
ZONE-B-0-3-05012023DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Quant Time: May 09 04:04:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 18:27:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	423288	20.000	ng	0.00
7) Naphthalene-d8	10.707	136	1308053	20.000	ng	-0.01
13) Acenaphthene-d10	14.544	164	745444	20.000	ng	0.00
19) Phenanthrene-d10	17.298	188	1668956	20.000	ng	0.00
29) Chrysene-d12	21.495	240	1404361	20.000	ng	# 0.00
35) Perylene-d12	23.911	264	1314142	20.000	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.455	112	408115	19.806	ng	0.00
5) Phenol-d6	7.066	99	563845	21.807	ng	0.00
8) Nitrobenzene-d5	9.063	82	301220	13.998	ng	-0.02
11) 2-Methylnaphthalene-d10	12.287	152	5	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	16.045	330	184321	24.184	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	640579	12.529	ng	-0.01
27) Fluoranthene-d10	19.279	212	762	0.009	ng	-0.05
31) Terphenyl-d14	19.924	244	771965	13.631	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.760	128	4258	0.063	ng	# 95
12) 2-Methylnaphthalene	12.385	142	1999	0.042	ng	# 92
16) Acenaphthylene	14.266	152	6831	0.102	ng	98
17) Acenaphthene	14.608	154	7603	0.183	ng	# 78
18) Fluorene	15.603	166	12936	0.227	ng	99
25) Phenanthrene	17.336	178	187389	2.029	ng	99
26) Anthracene	17.435	178	52541	0.607	ng	99
28) Fluoranthene	19.359	202	362987	3.146	ng	99
30) Pyrene	19.722	202	307885	3.206	ng	# 95
32) Benzo(a)anthracene	21.477	228	161674	1.703	ng	98
33) Chrysene	21.531	228	148134	1.568	ng	98
34) Bis(2-ethylhexyl)phtha...	21.387	149	6885	0.092	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.423	276	63550	0.603	ng	96
37) Benzo(b)fluoranthene	23.177	252	167966	2.016	ng	98
38) Benzo(k)fluoranthene	23.218	252	56494m	0.648	ng	
39) Benzo(a)pyrene	23.803	252	113809	1.333	ng	94
40) Dibenzo(a,h)anthracene	26.434	278	16256	0.195	ng	# 72
41) Benzo(g,h,i)perylene	27.203	276	61202	0.670	ng	99

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

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