Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025314.D
Acq On : 06 May 2023 14:09
Operator : CG/JU
Sample : 02588-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ZONE-D-6-9-05022023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 08 03:59:45 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 02:37:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	6755	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	24629	0.400	ng	-0.01
13) Acenaphthene-d10	14.544	164	15493	0.400	ng	-0.01
19) Phenanthrene-d10	17.298	188	35308	0.400	ng	#-0.01
29) Chrysene-d12	21.500	240	31712	0.400	ng	# 0.00
35) Perylene-d12	23.930	264	31189	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	4697	0.286	ng	0.00
5) Phenol-d6	7.080	99	6097	0.296	ng	0.00
8) Nitrobenzene-d5	9.073	82	4107	0.203	ng	-0.02
11) 2-Methylnaphthalene-d10	12.305	152	7849	0.233	ng	-0.01
14) 2,4,6-Tribromophenol	16.045	330	2086	0.263	ng	-0.02
15) 2-Fluorobiphenyl	13.176	172	11550	0.217	ng	-0.01
27) Fluoranthene-d10	19.338	212	16516	0.189	ng	0.00
31) Terphenyl-d14	19.928	244	13749	0.215	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.333	93	2251	0.124	ng	95
9) Naphthalene	10.760	128	113728	1.800	ng	99
12) 2-Methylnaphthalene	12.377	142	35898	0.804	ng	99
16) Acenaphthylene	14.266	152	300209	4.327	ng	99
17) Acenaphthene	14.608	154	54386	1.261	ng	99
18) Fluorene	15.603	166	207596	3.511	ng	98
25) Phenanthrene	17.336	178	2648111	27.107	ng	100
26) Anthracene	17.435	178	1020536	11.152	ng	99
28) Fluoranthene	19.372	202	3927063	32.173	ng	98
30) Pyrene	19.730	202	3089710	28.500	ng	97
32) Benzo(a)anthracene	21.482	228	1670236	15.582	ng	96
33) Chrysene	21.535	228	1455316	13.640	ng	98
34) Bis(2-ethylhexyl)phtha...	21.392	149	56922	0.677	ng	99
36) Indeno(1,2,3-cd)pyrene	26.471	276	642872	5.142	ng	96
37) Benzo(b)fluoranthene	23.194	252	1612285	16.307	ng	94
38) Benzo(k)fluoranthene	23.235	252	586491m	5.667	ng	
39) Benzo(a)pyrene	23.723	252	699831	6.910	ng	96
40) Dibenzo(a,h)anthracene	26.480	278	159144	1.612	ng	96
41) Benzo(g,h,i)perylene	27.257	276	579968	5.348	ng	98

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

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