Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
Data File : BN025344.D
Acq On : 08 May 2023 21:58
Operator : CG/JU
Sample : 02588-12DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 50

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

Manual Integrations APPROVED

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

Quant Time: May 09 04:04:45 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 18:27:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	380628	20.000	ng		0.00
7) Naphthalene-d8	10.707	136	1226982	20.000	ng		-0.01
13) Acenaphthene-d10	14.544	164	707214	20.000	ng		0.00
19) Phenanthrene-d10	17.298	188	1550646	20.000	ng		0.00
29) Chrysene-d12	21.486	240	1320734	20.000	ng		-0.01
35) Perylene-d12	23.914	264	1340239	20.000	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	339358	18.315	ng		0.00
5) Phenol-d6	7.066	99	495491	21.311	ng		0.00
8) Nitrobenzene-d5	9.063	82	248415	12.307	ng		-0.02
11) 2-Methylnaphthalene-d10	12.279	152	4	0.000	ng		-0.03
14) 2,4,6-Tribromophenol	16.045	330	158774	21.958	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	534266	11.015	ng		-0.01
27) Fluoranthene-d10	19.359	212	24	0.000	ng		0.03
31) Terphenyl-d14	19.924	244	627341	11.779	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.760	128	12323	0.196	ng		99
12) 2-Methylnaphthalene	12.381	142	3346	0.075	ng		95
16) Acenaphthylene	14.266	152	14170	0.224	ng		99
17) Acenaphthene	14.608	154	4030	0.102	ng		98
18) Fluorene	15.603	166	9377	0.174	ng	#	97
25) Phenanthrene	17.336	178	117900	1.374	ng		99
26) Anthracene	17.435	178	34895	0.434	ng		100
28) Fluoranthene	19.359	202	185891	1.734	ng		99
30) Pyrene	19.722	202	151325	1.676	ng		98
32) Benzo(a)anthracene	21.468	228	83053	0.930	ng		96
33) Chrysene	21.522	228	69866	0.786	ng		96
34) Bis(2-ethylhexyl)phtha...	21.387	149	11345	0.162	ng		96
36) Indeno(1,2,3-cd)pyrene	26.426	276	31891	0.297	ng		96
37) Benzo(b)fluoranthene	23.174	252	83092	0.978	ng		98
38) Benzo(k)fluoranthene	23.218	252	27803m	0.313	ng		
39) Benzo(a)pyrene	23.803	252	58195	0.669	ng		99
40) Dibenzo(a,h)anthracene	26.434	278	7916	0.093	ng	#	50
41) Benzo(g,h,i)perylene	27.200	276	30121	0.323	ng		96

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

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