Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 22 16:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2169	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	6428	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.063	164	3635	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.808	188	8095m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.006	240	6295m	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	7108m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	8627	2.899	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.817	152	1904	0.221	ng/ul	-0.05
18) Fluoranthene-d10	18.840	212	5102	0.271	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.233	128	3035	0.169	ng/ul	97
7) 2-Methylnaphthalene	11.888	142	890	0.088	ng/ul	96
8) 1-Methylnaphthalene	12.102	142	812	0.073	ng/ul	99
10) Acenaphthylene	13.781	152	7326	0.425	ng/ul	99
11) Acenaphthene	14.123	153	4039	0.324	ng/ul	99
12) Fluorene	15.122	166	5280	0.395	ng/ul	99
15) Phenanthrene	16.846	178	104516m	4.596	ng/ul	
16) Anthracene	16.939	178	22723m	1.342	ng/ul	
19) Fluoranthene	18.867	202	211497	7.760	ng/ul	96
20) Pyrene	19.230	202	154820	5.252	ng/ul	97
21) Benzo(a)anthracene	20.991	228	95320	3.920	ng/ul	99
22) Chrysene	21.041	228	85447	2.754	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	122660m	4.790	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	48887m	1.606	ng/ul	
26) Benzo(a)pyrene	23.007	252	55599	2.343	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.142	276	52368	1.348	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.145	278	14924	0.516	ng/ul	100
29) Benzo(g,h,i)perylene	25.765	276	8070	0.242	ng/ul#	91

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

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